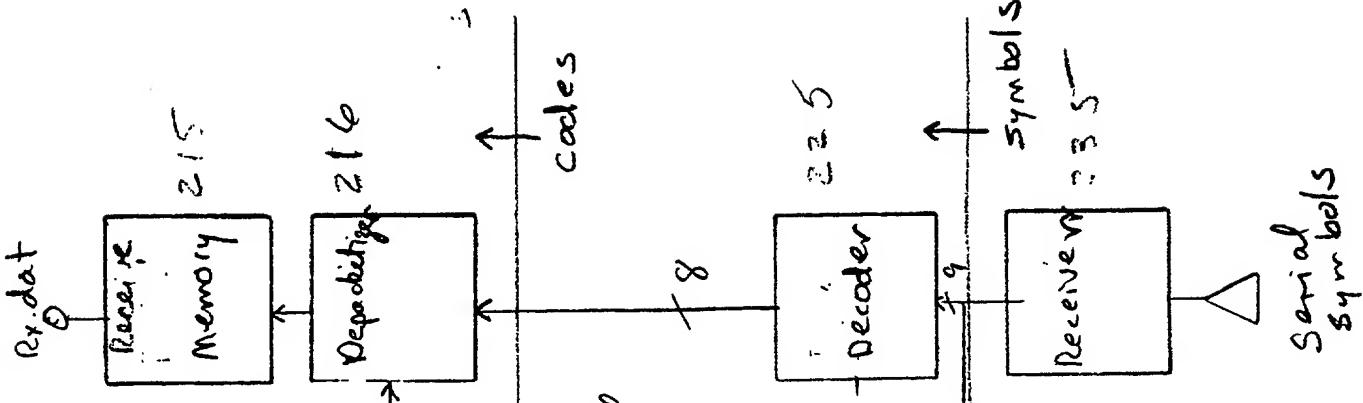


Fig 1

Receive 202



Transmit 201

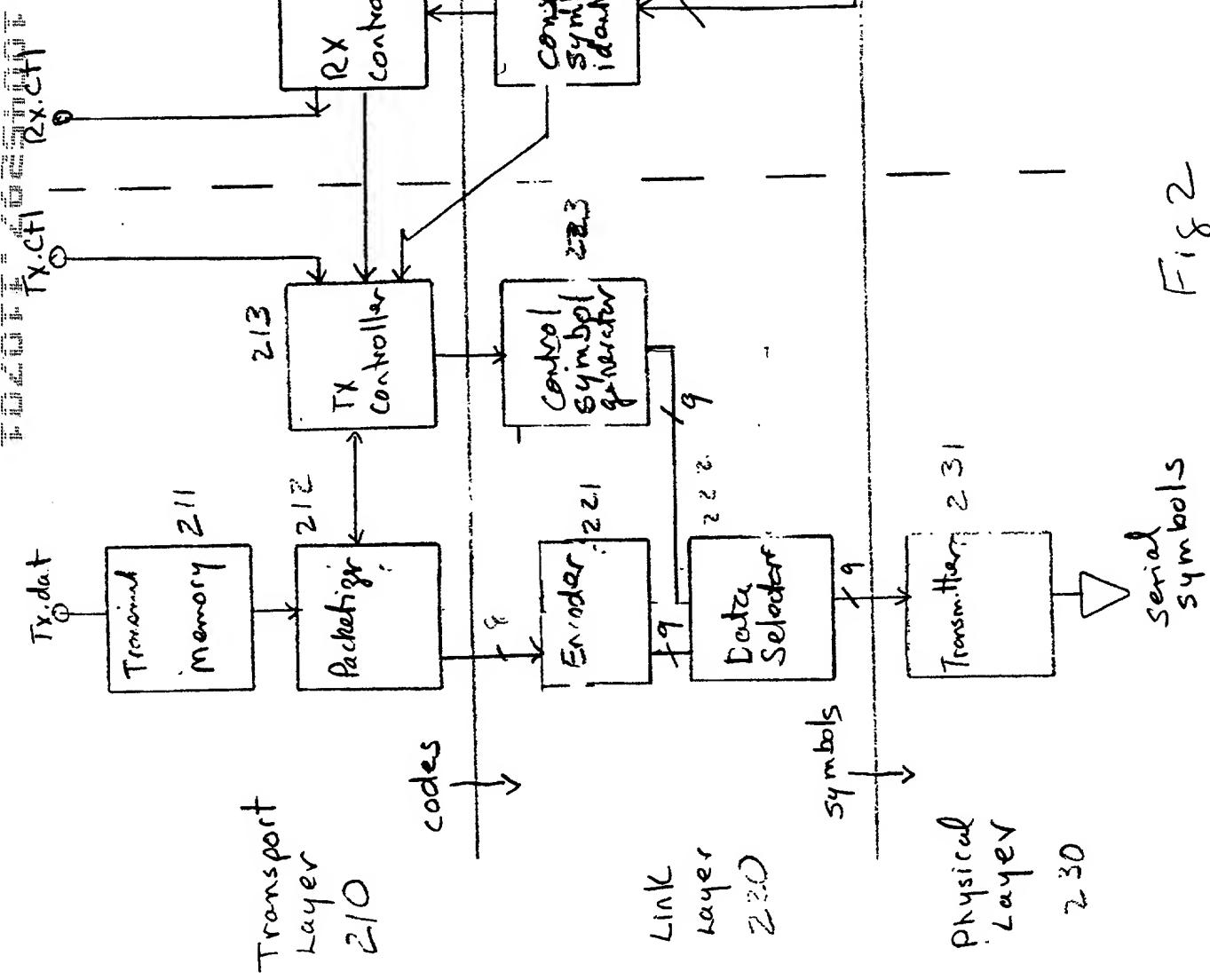


Fig 2

Serial symbols

Physical Layer

230

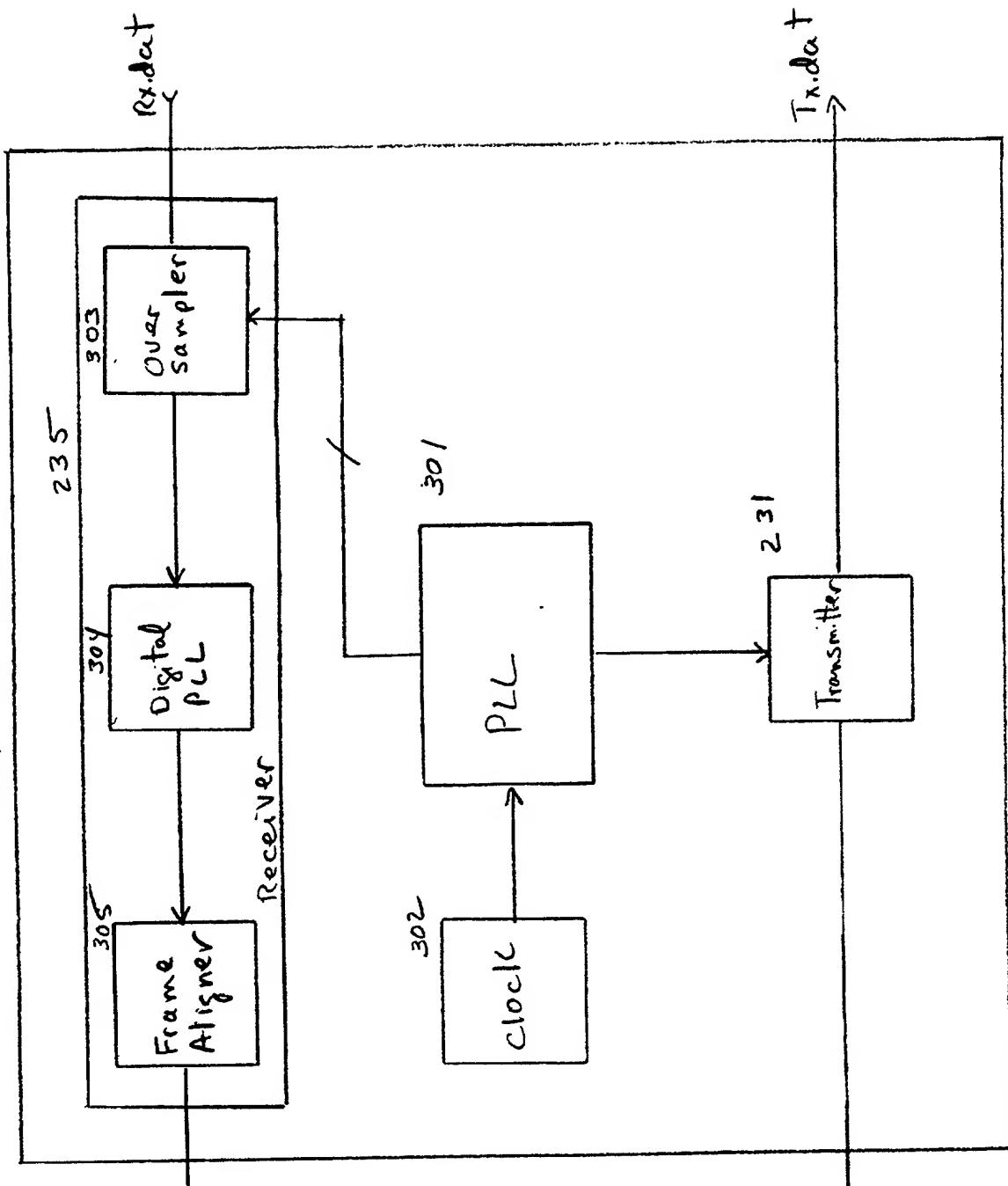


Fig 3

Packet

400

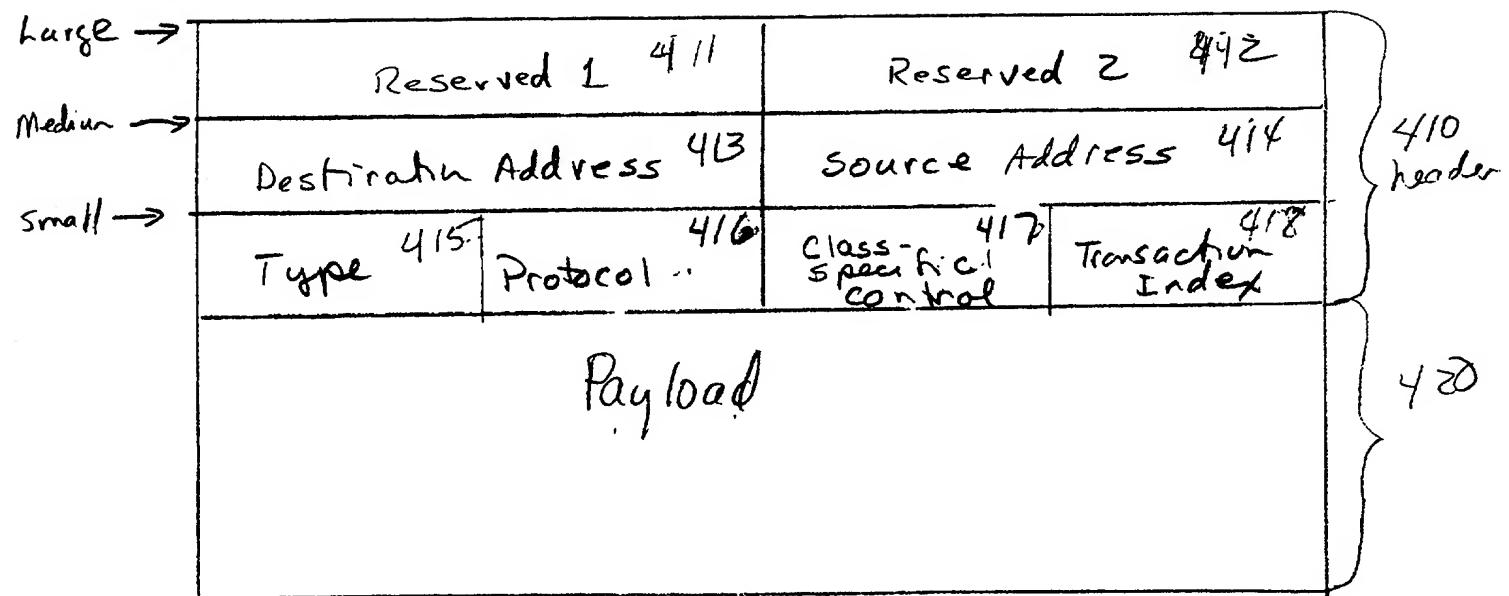
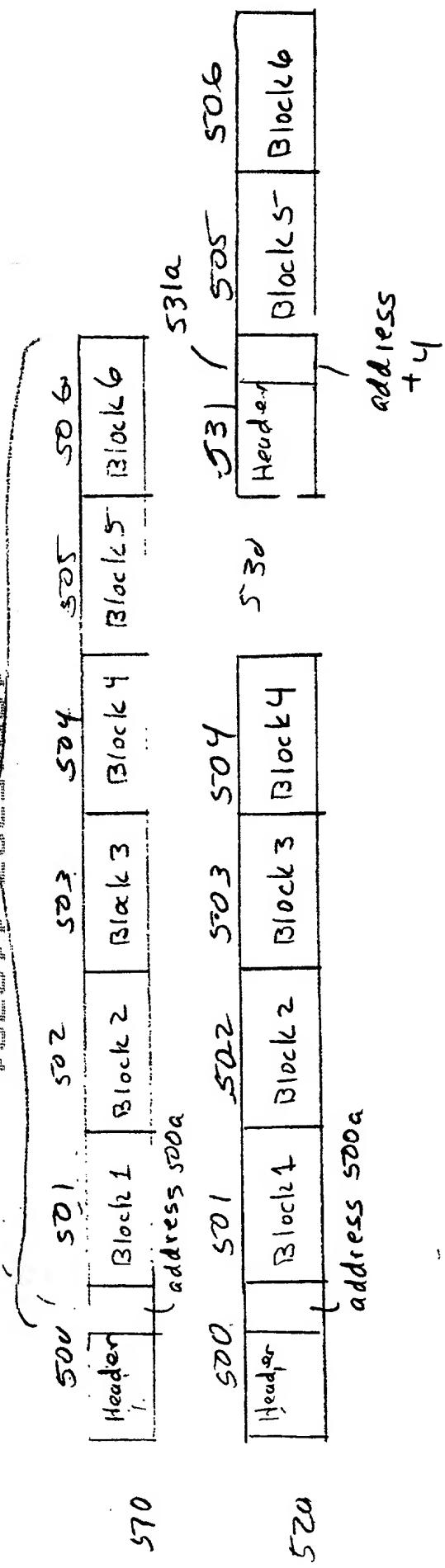


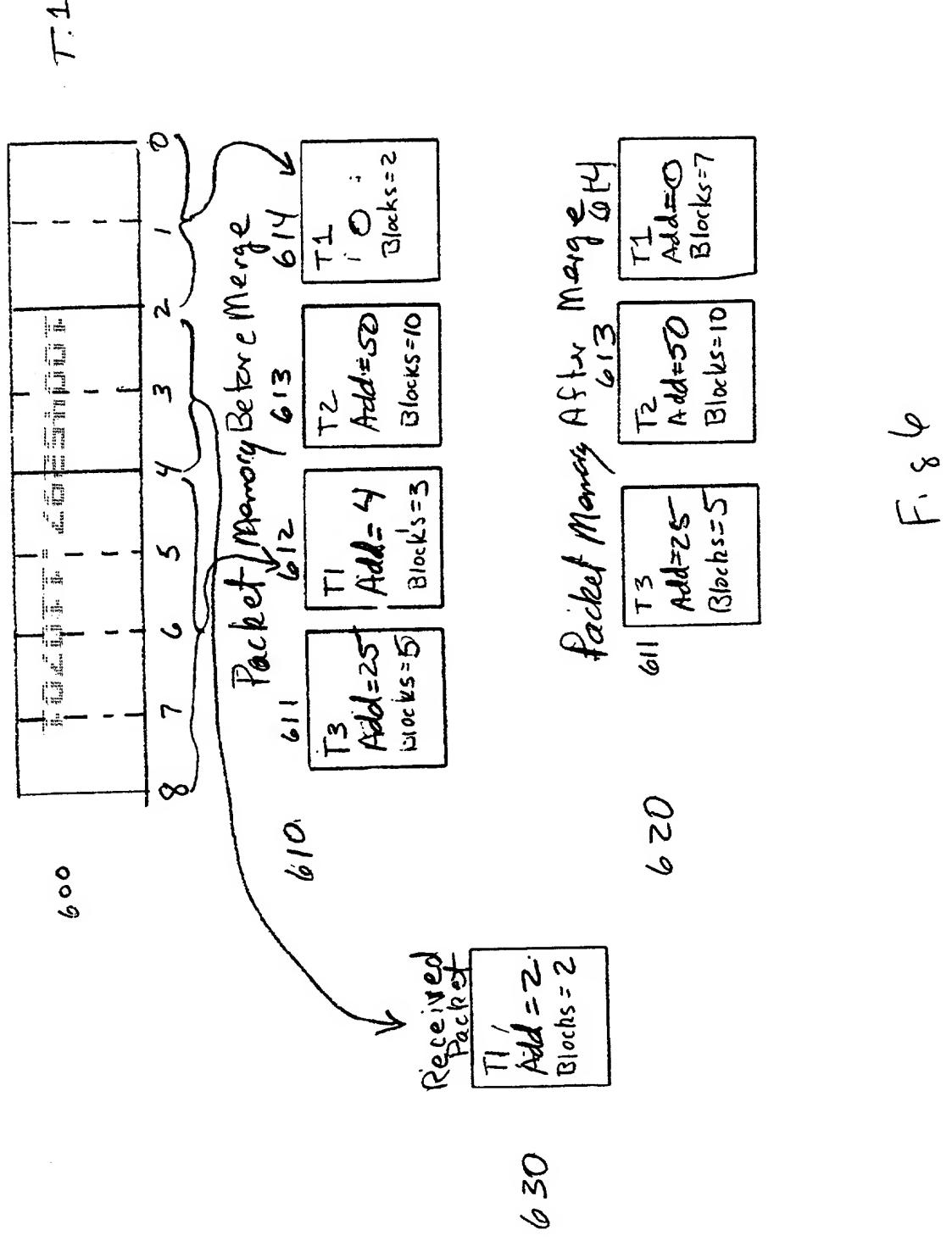
Fig 4

Page

Header 511



F. 45



F. 8 4

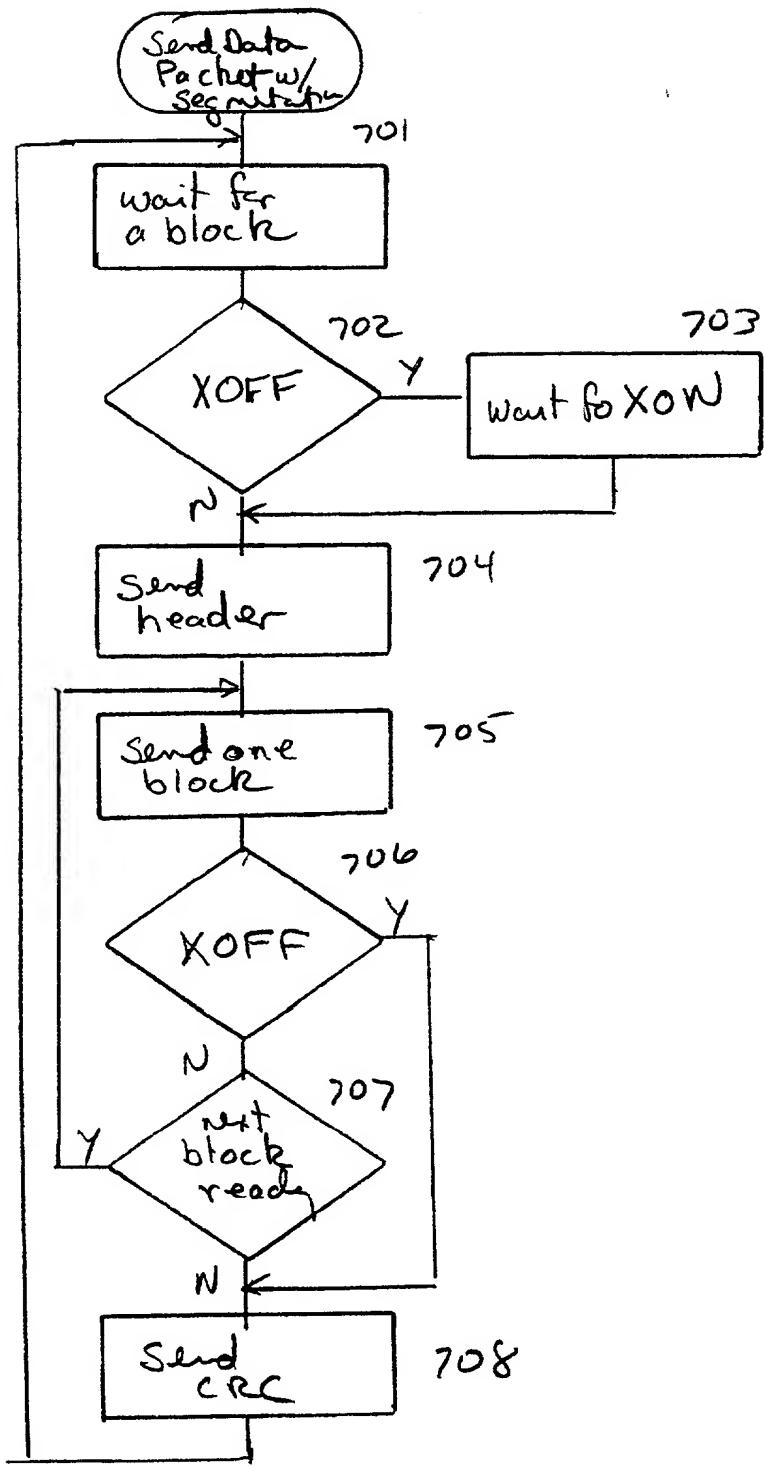


Fig 7

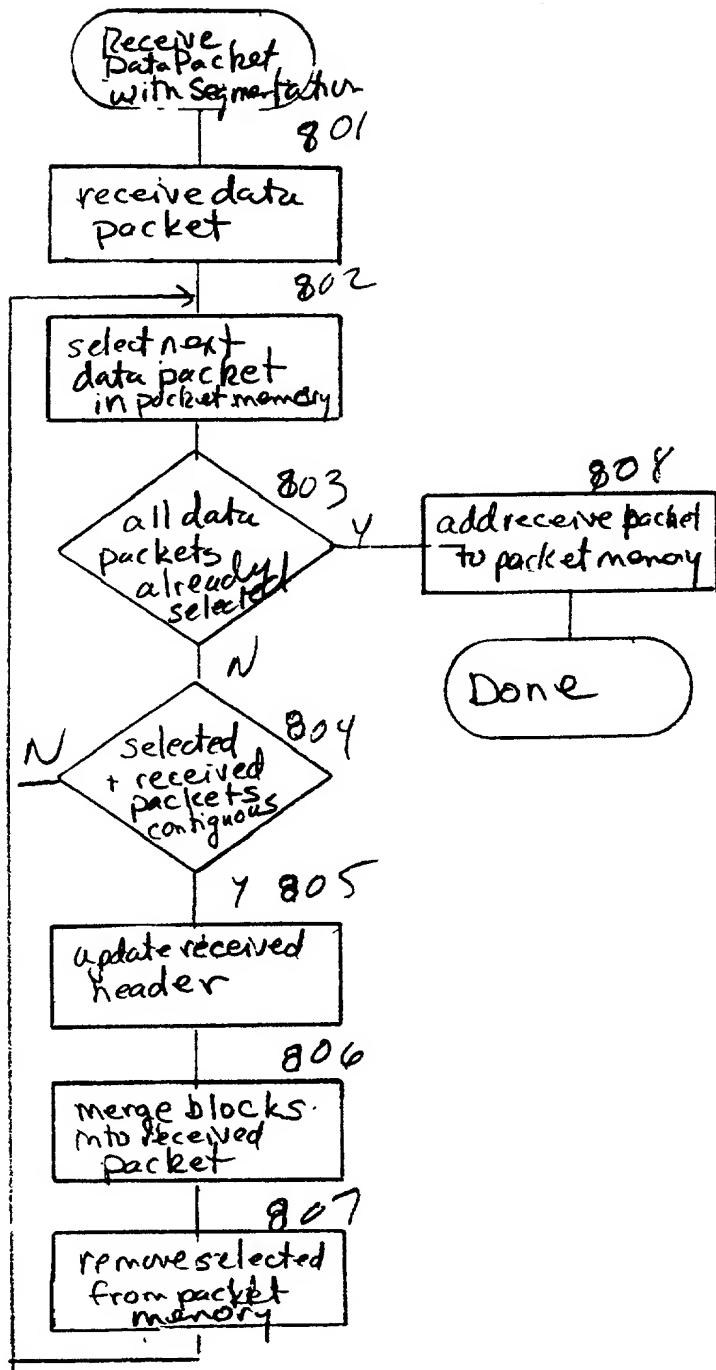
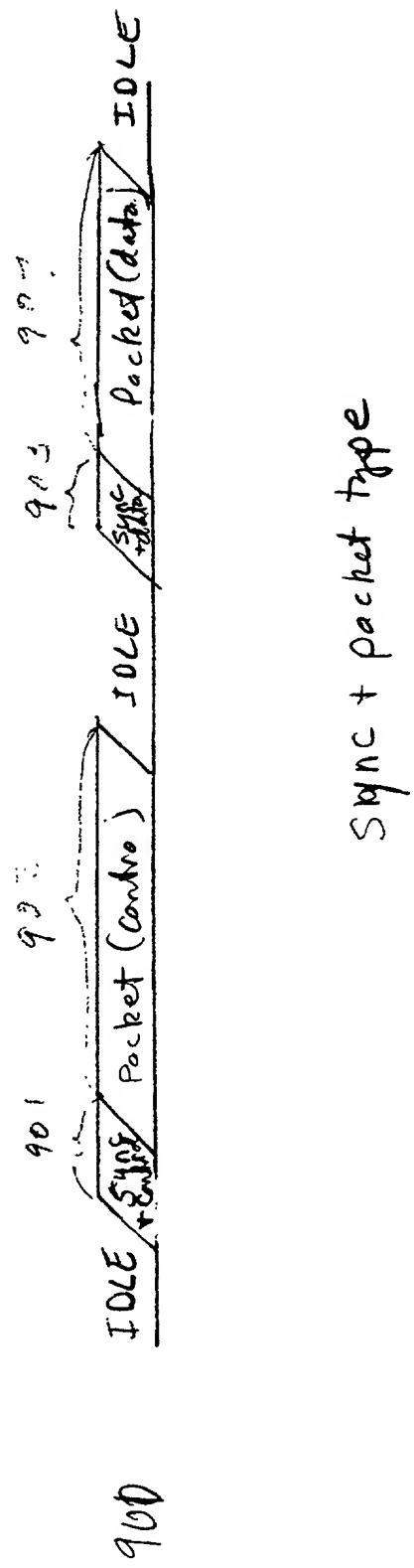


Fig 8



Sync + packet type

Fig 9A

FIG. 10

Fig 9 B

9/0

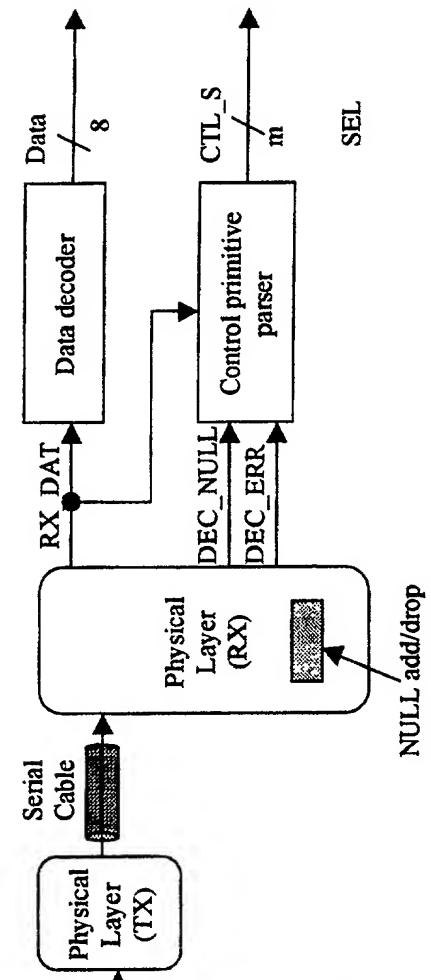
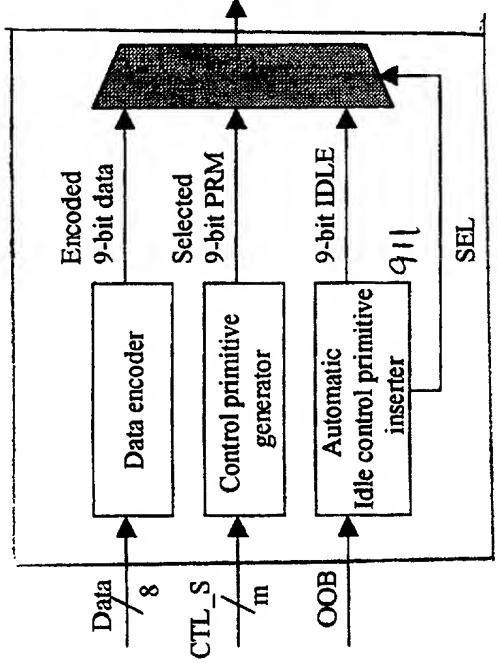


Fig. 9C

Packet Memory 211

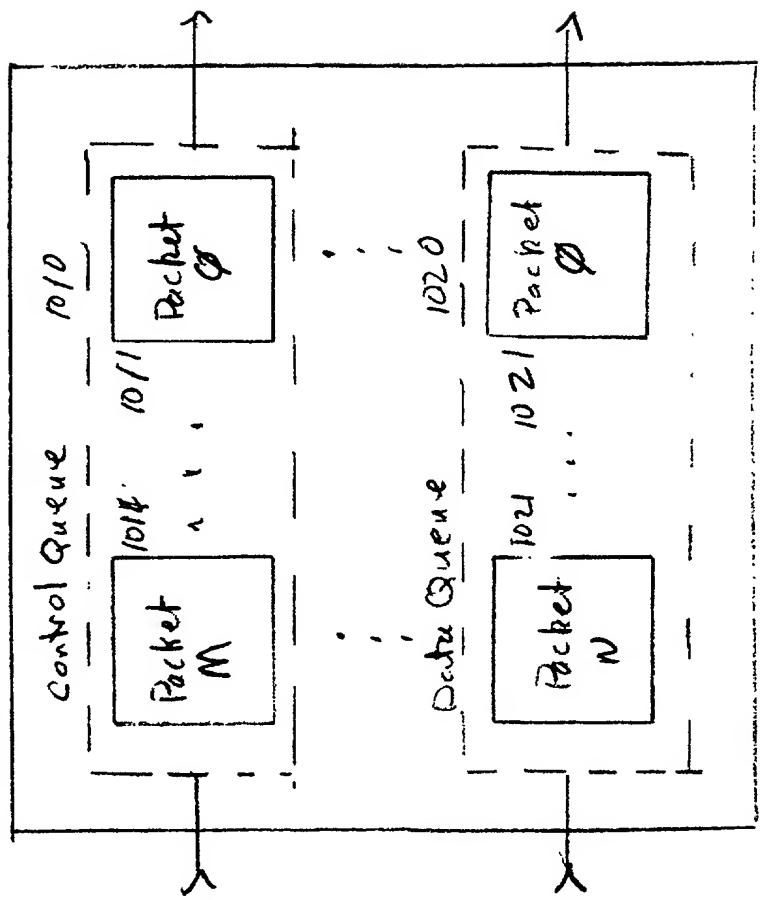


Fig 10

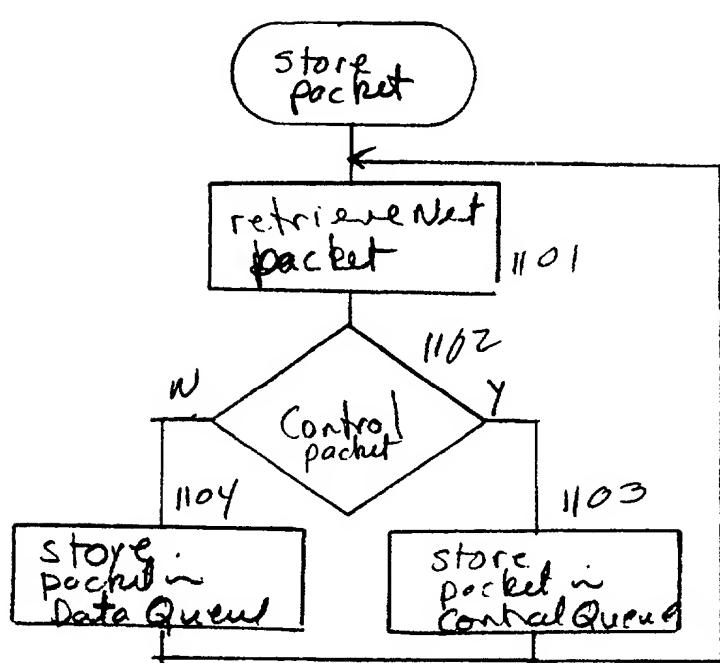


Fig 11

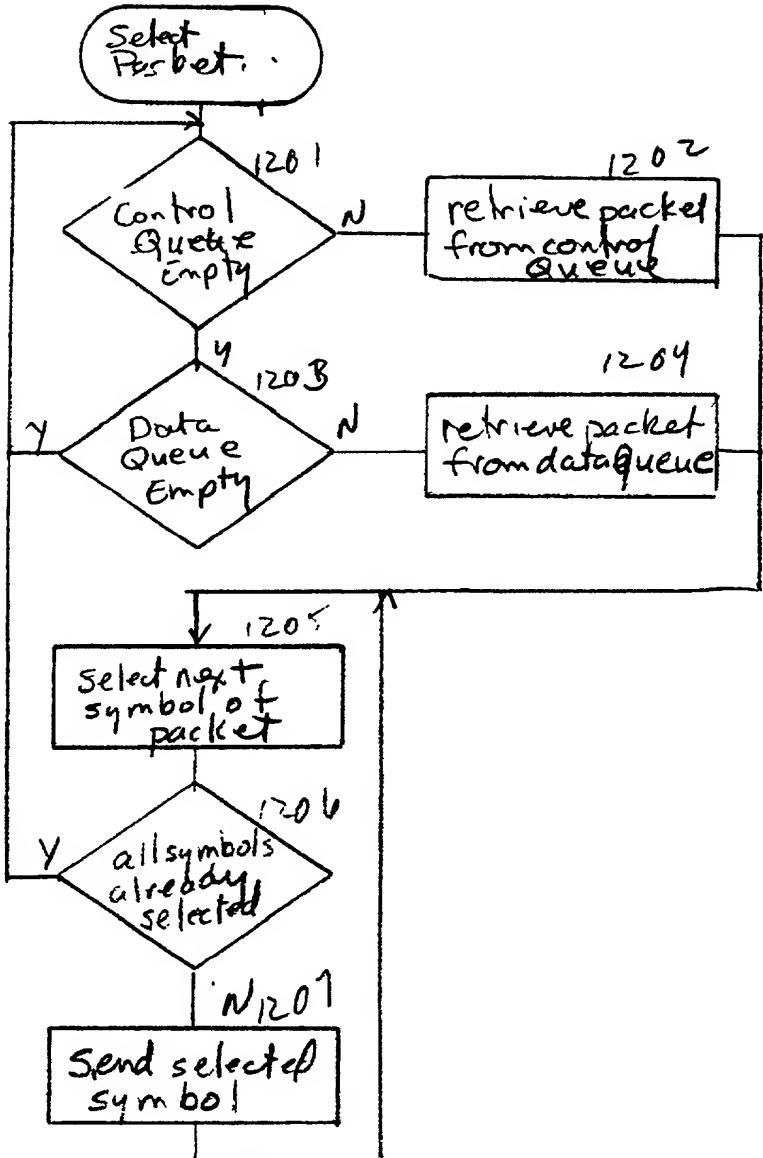


Fig 12

idle state until the end of the frame.

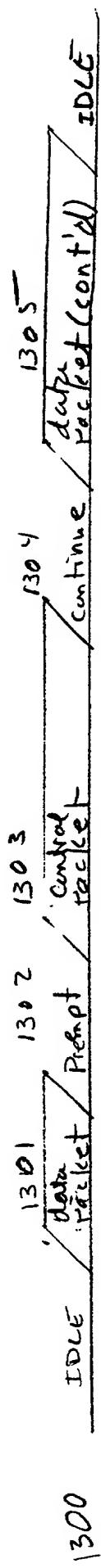


Fig 13

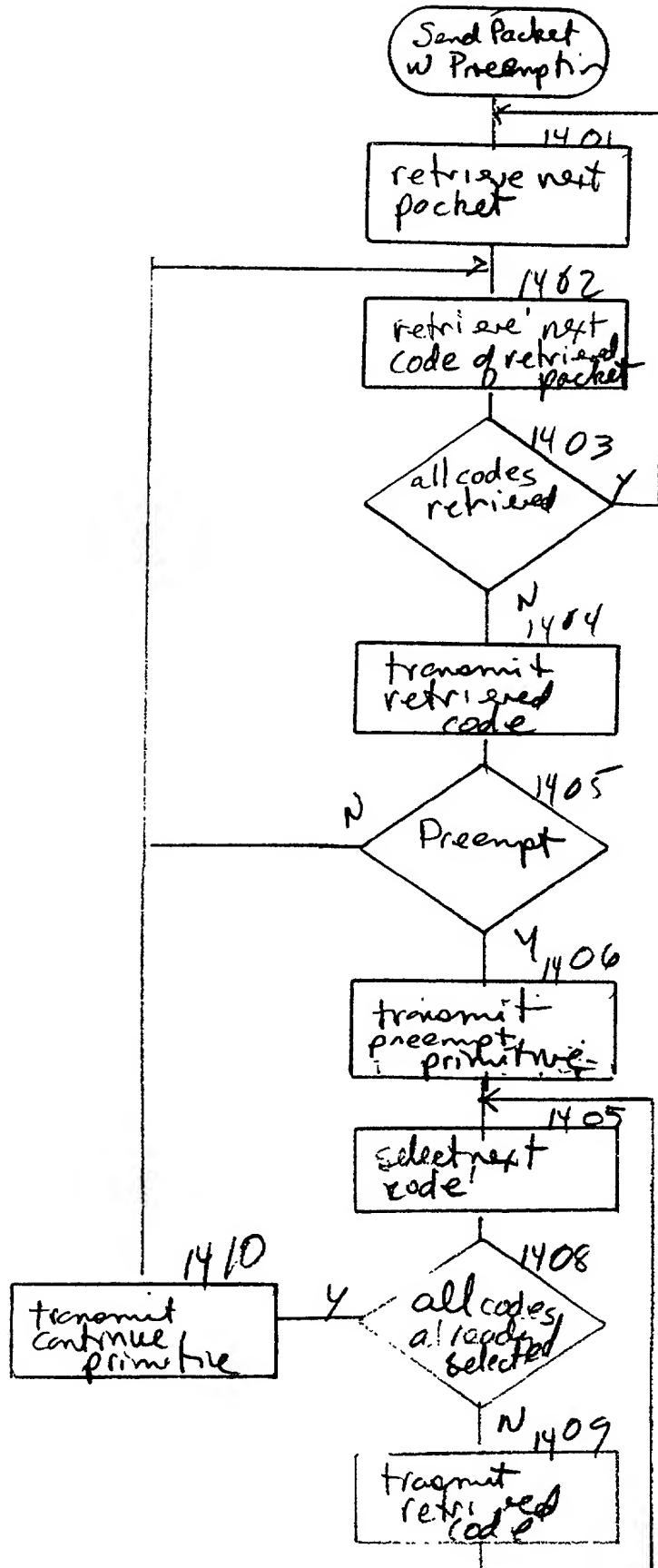


Fig 14

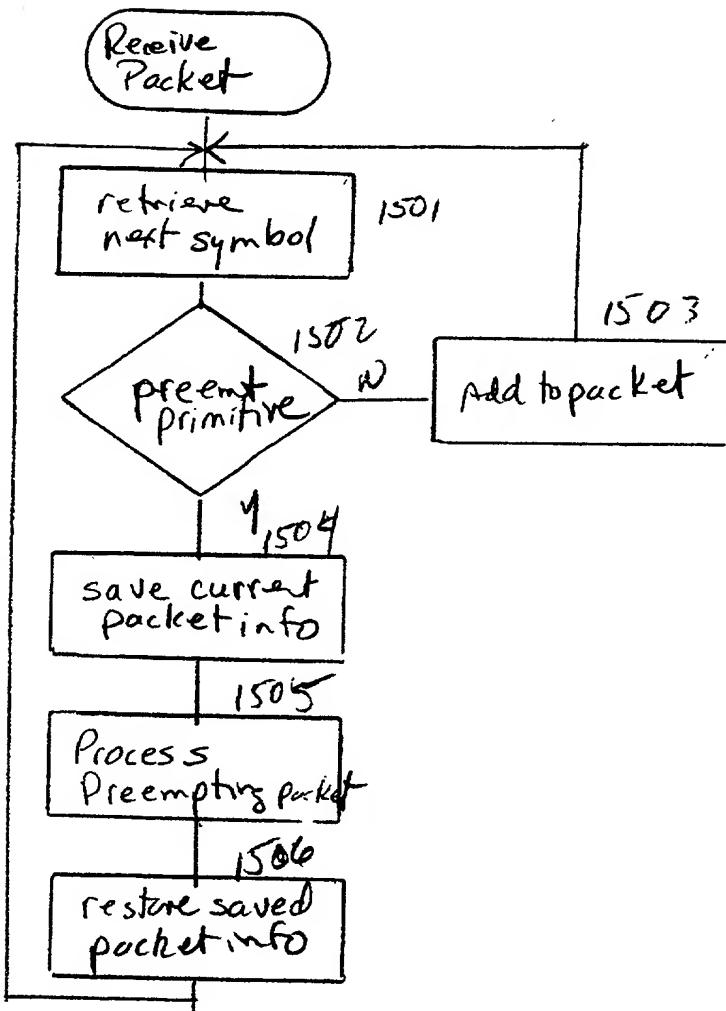


Fig 15

Switch Network

1630

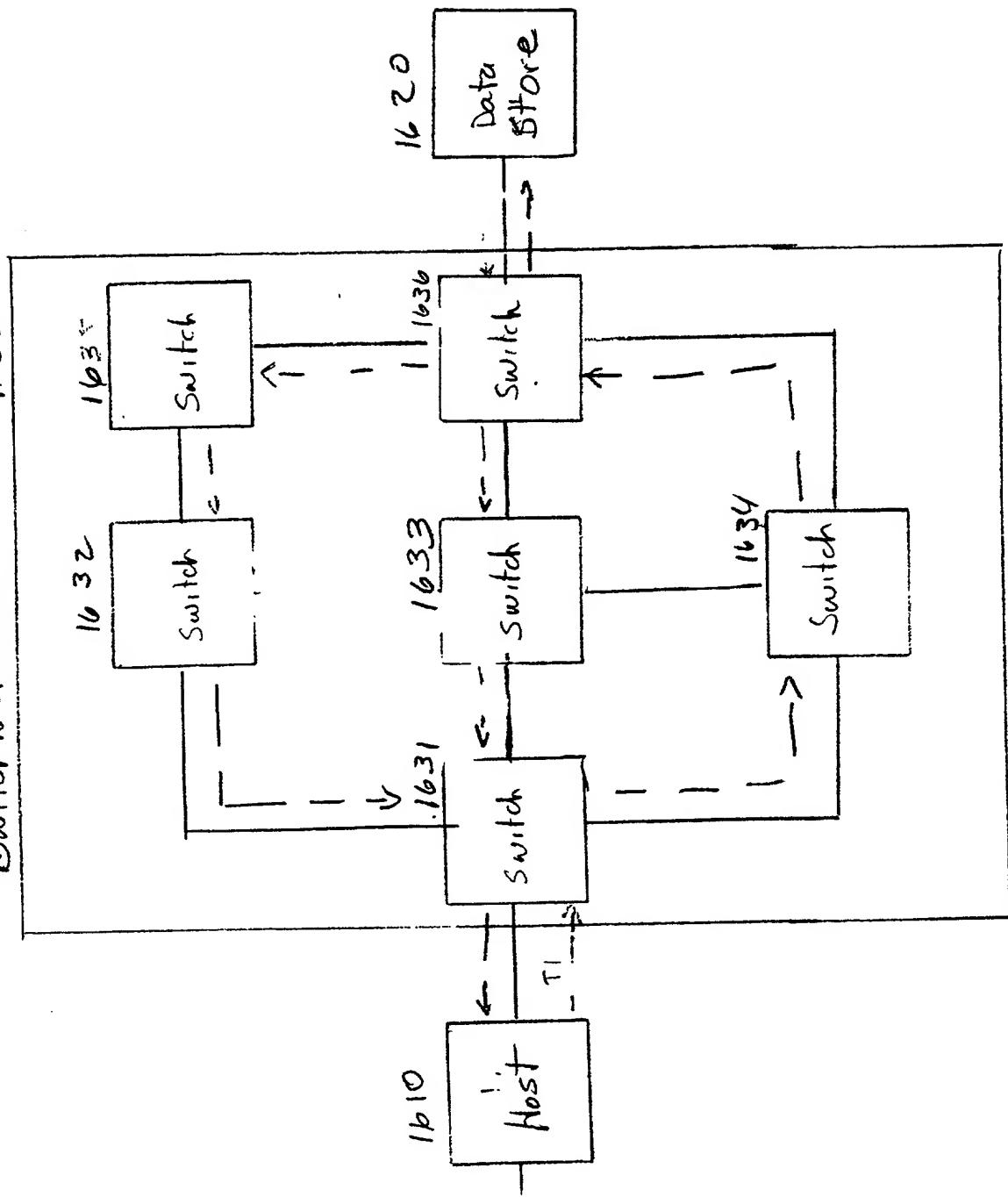
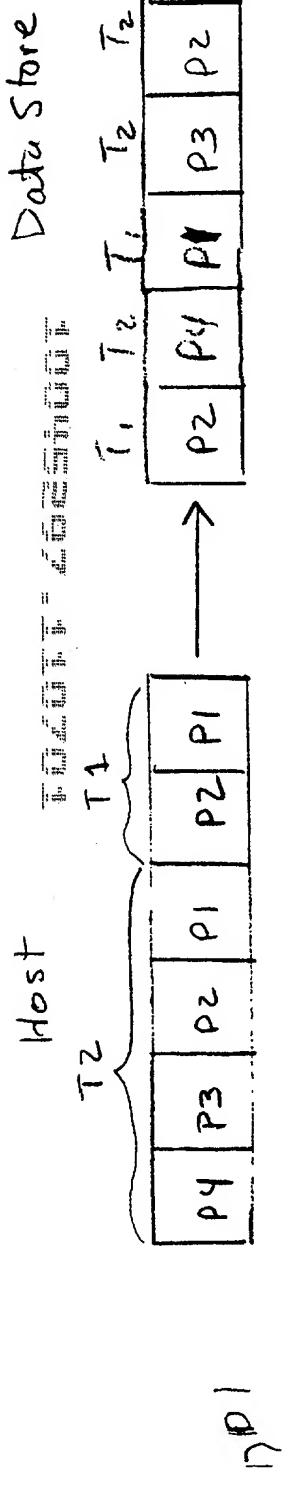
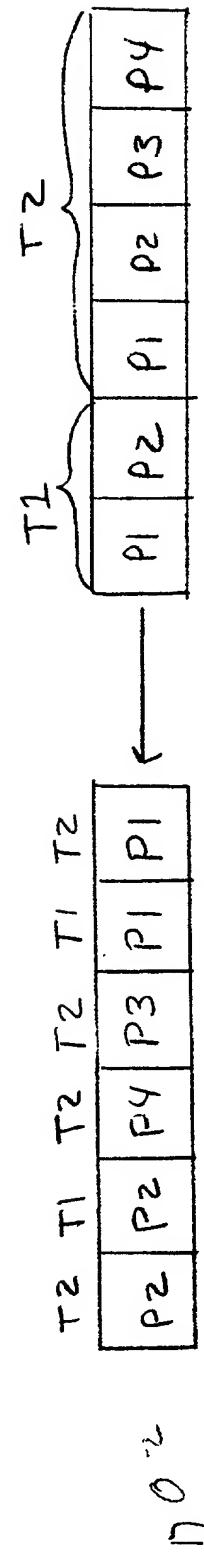


Fig 16



Preserving Packet Order w/ Transaction



No Packet or Transaction Ordering

Σ
Εισοδηματικός

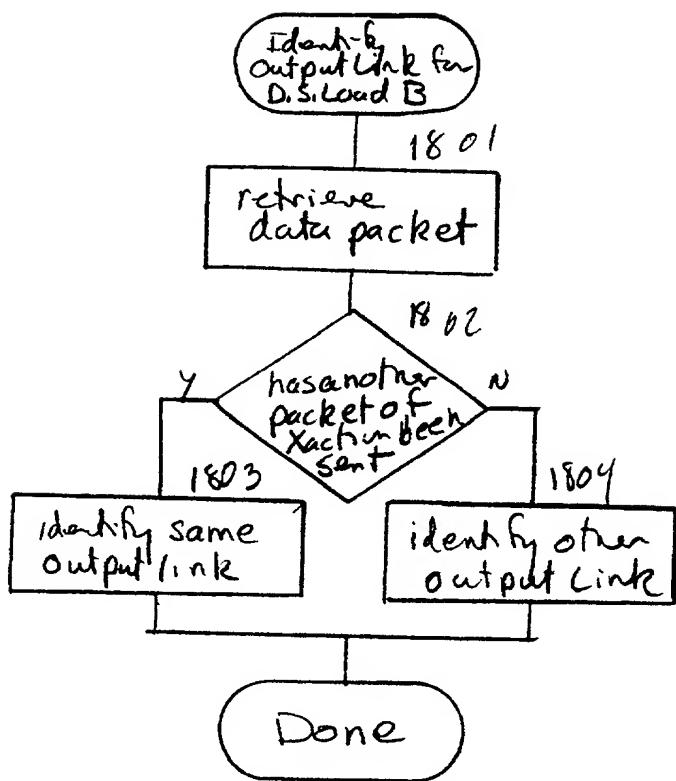
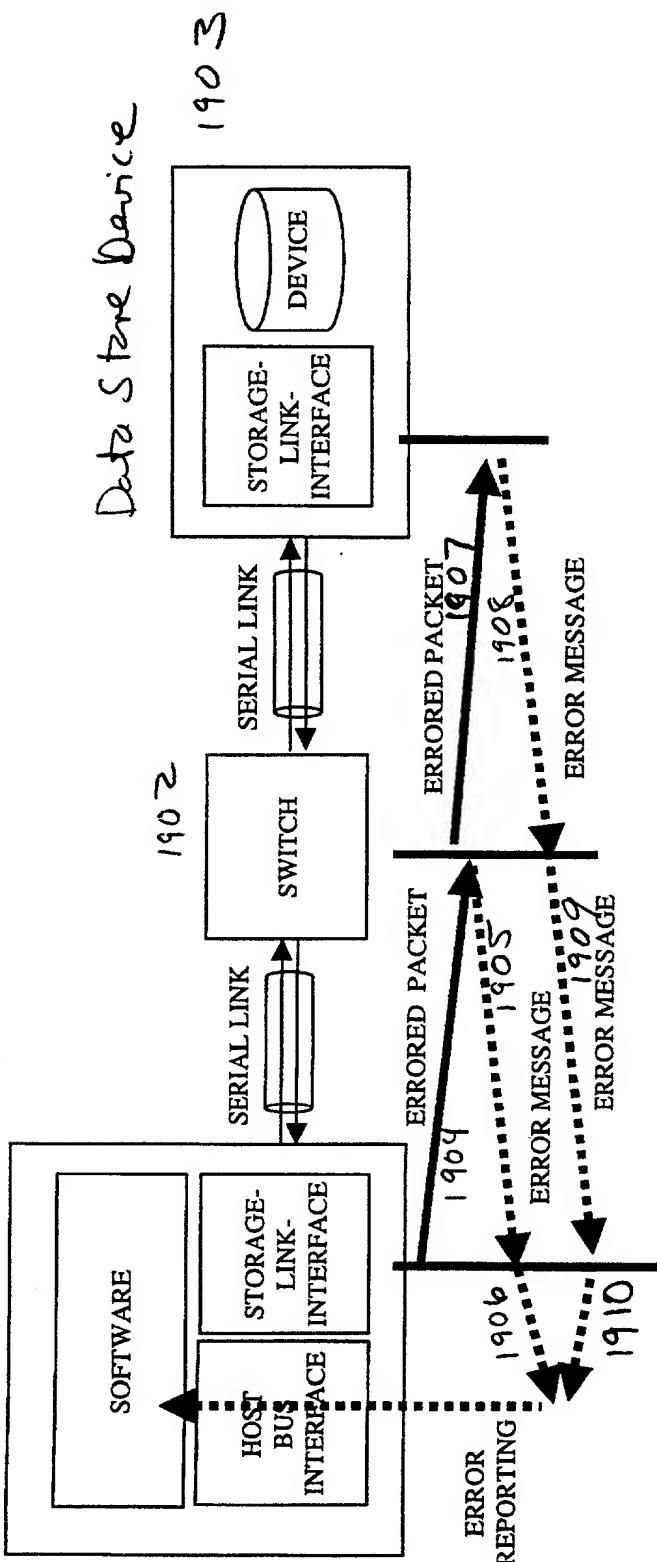


Fig 18

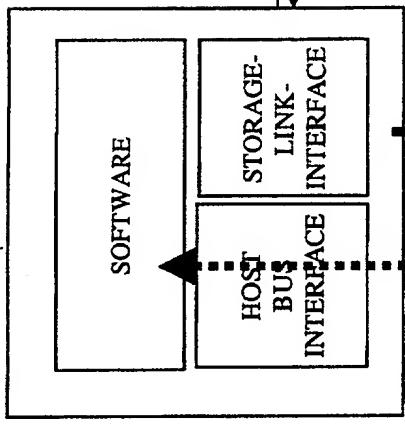
Host 1901



ANS

Fig 19A

Host 1901



Data Structure

1902

1903

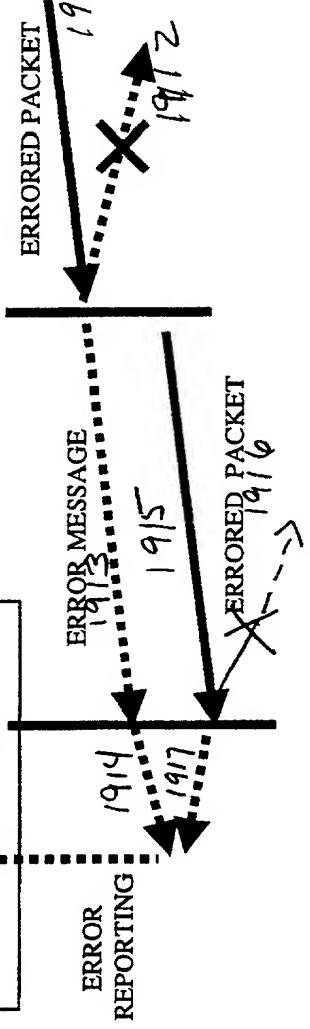
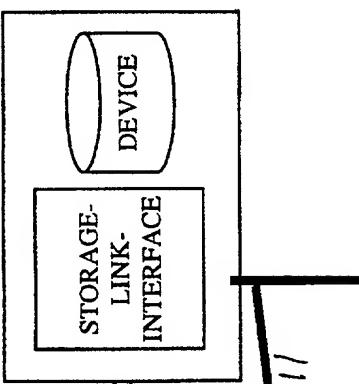
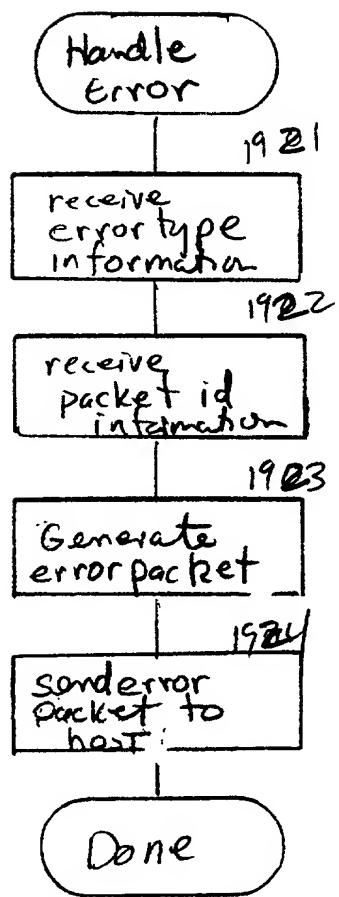


Fig 19B



19 C

8b code	9 bit symbol
0000 0000	101010101
0000 0001	101010100
0000 0010	101010111
:	
0101 0101	001010101
:	
0111 0110	001110110
0111 0111	100100010
:	
1111 1111	110101010

Fig 20

$$\overline{b_0} \overline{b_1} \overline{b_2} \overline{b_3} \overline{b_4} \overline{b_5} = b_0' b_1' b_2' b_3' b_4' b_5'$$

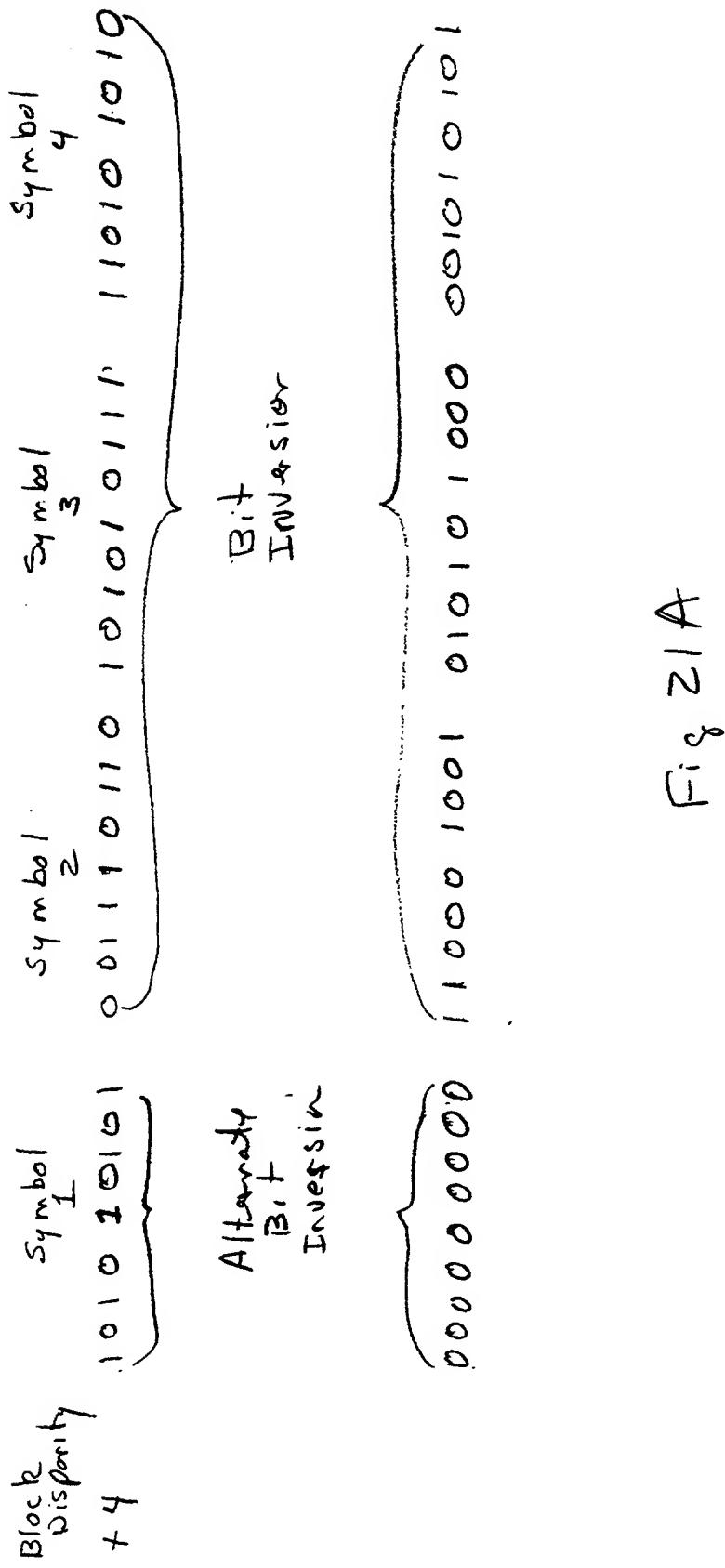


Fig 21A

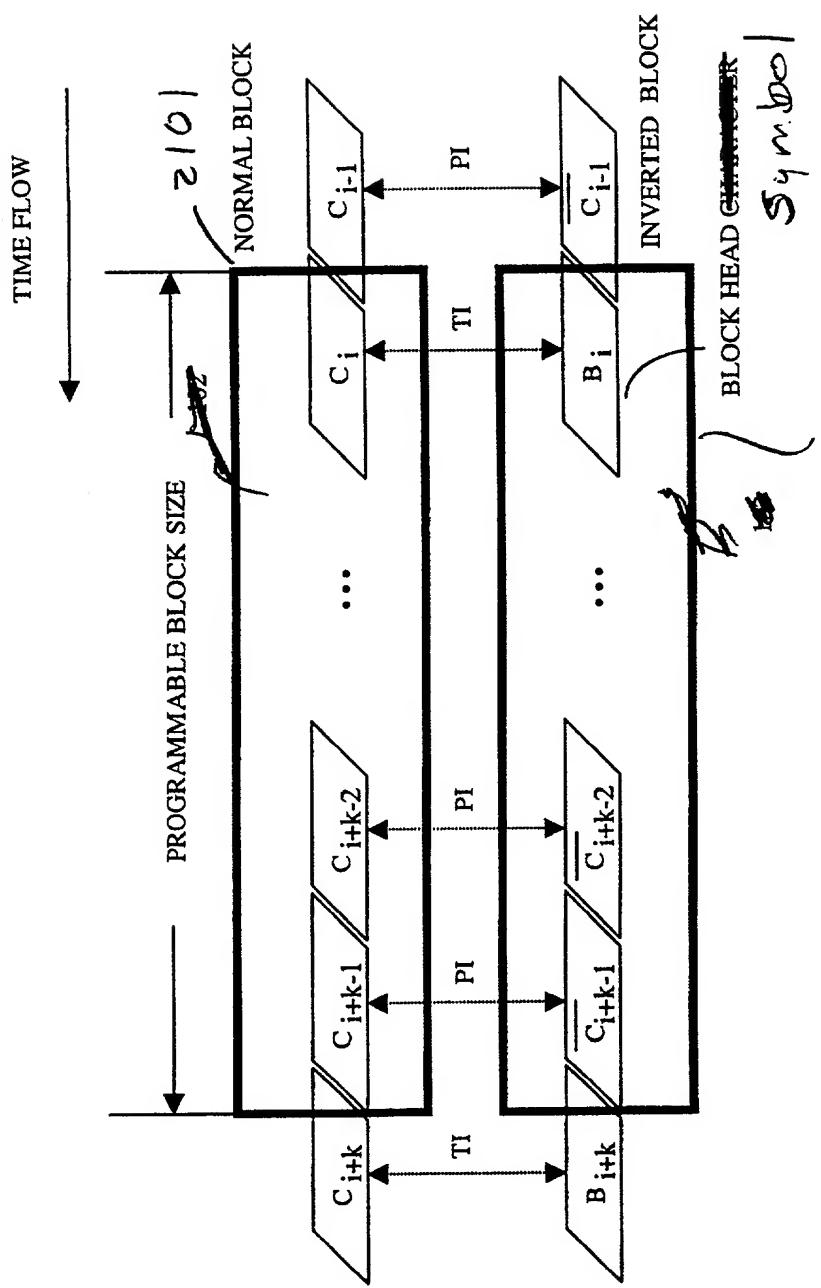


Fig 21 B



2102

$Sym. \{$
BLOCK HEAD GENERATOR

$$\overline{y_7} \overline{y_6} \overline{y_5} \overline{y_4} \overline{y_3} \overline{y_2} \overline{y_1} = \overline{y_7} \overline{y_6} \overline{y_5} \overline{y_4} \overline{y_3} \overline{y_2} \overline{y_1}$$

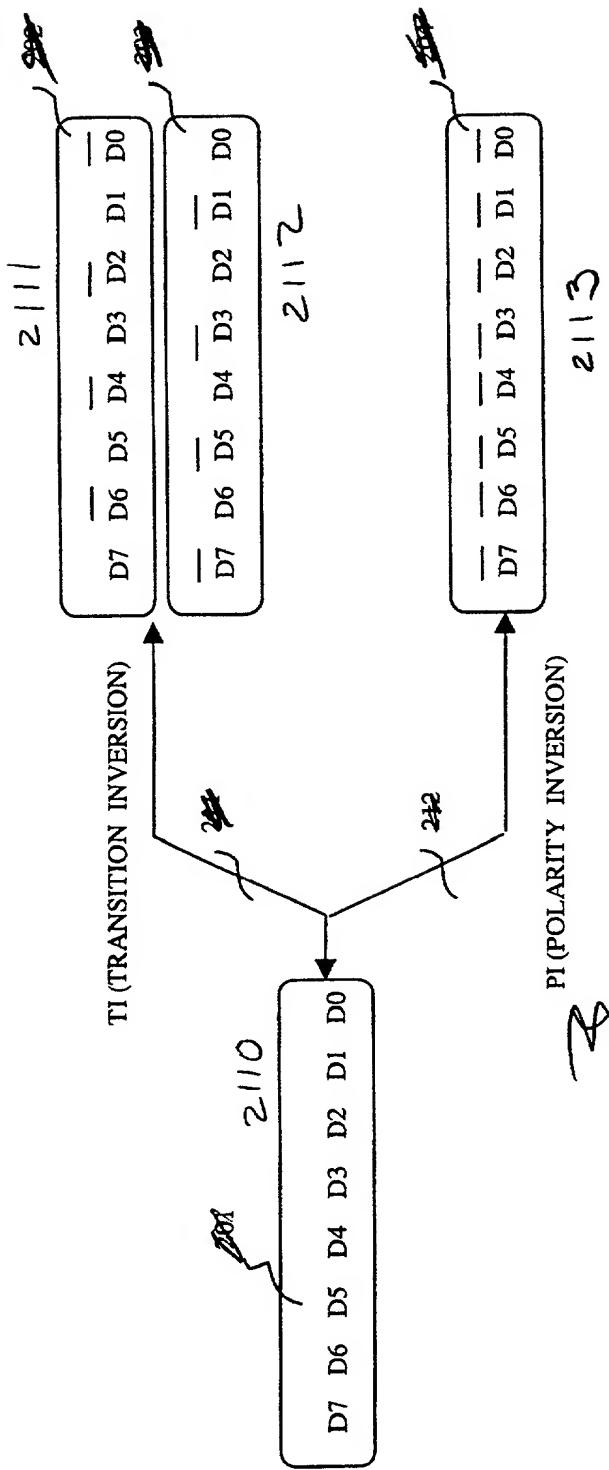


Fig 21 C

2112

Fig 22

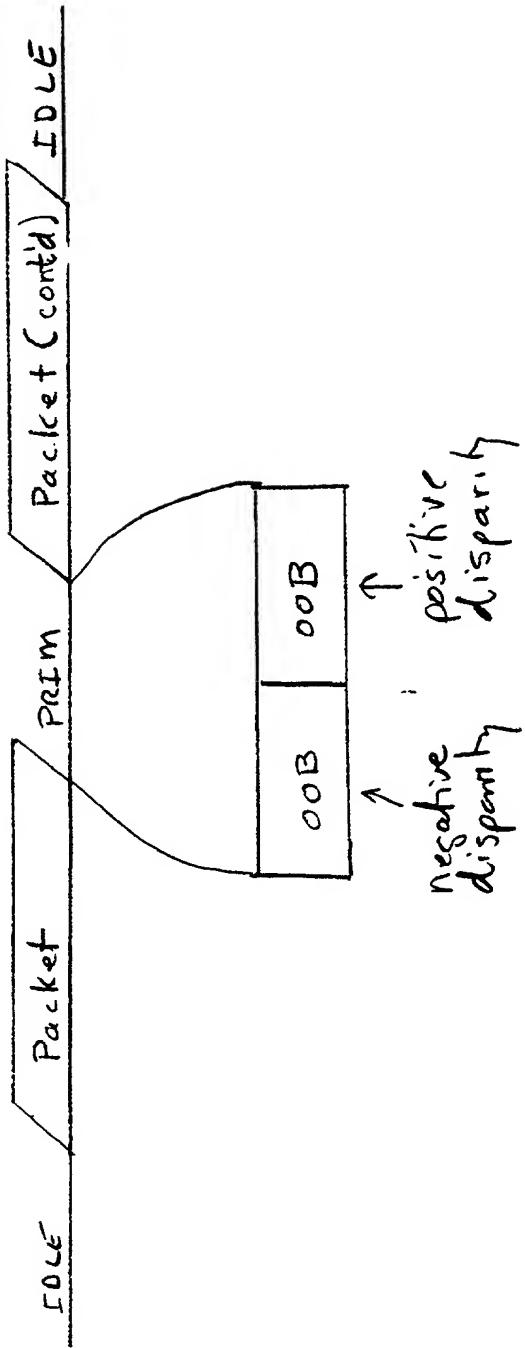


Fig 22

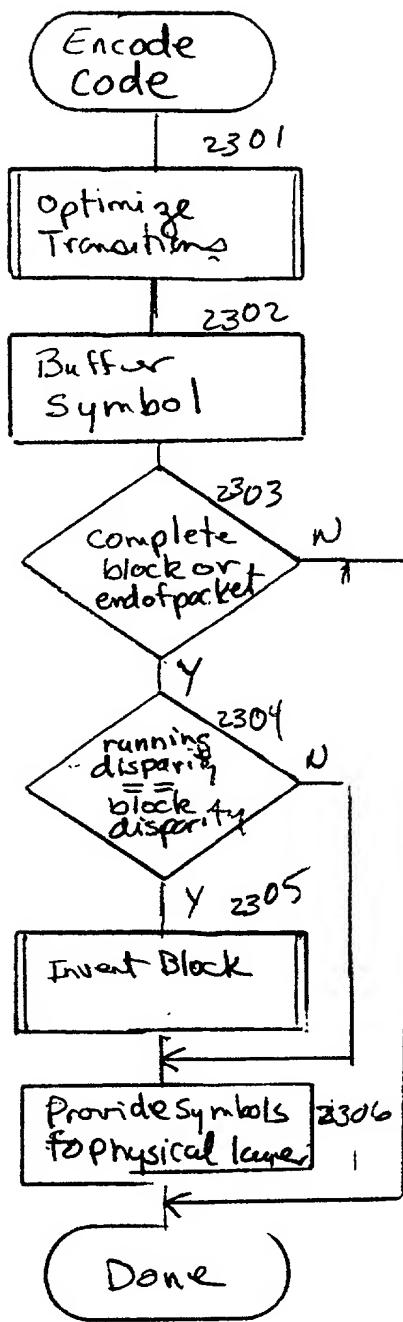


Fig 23

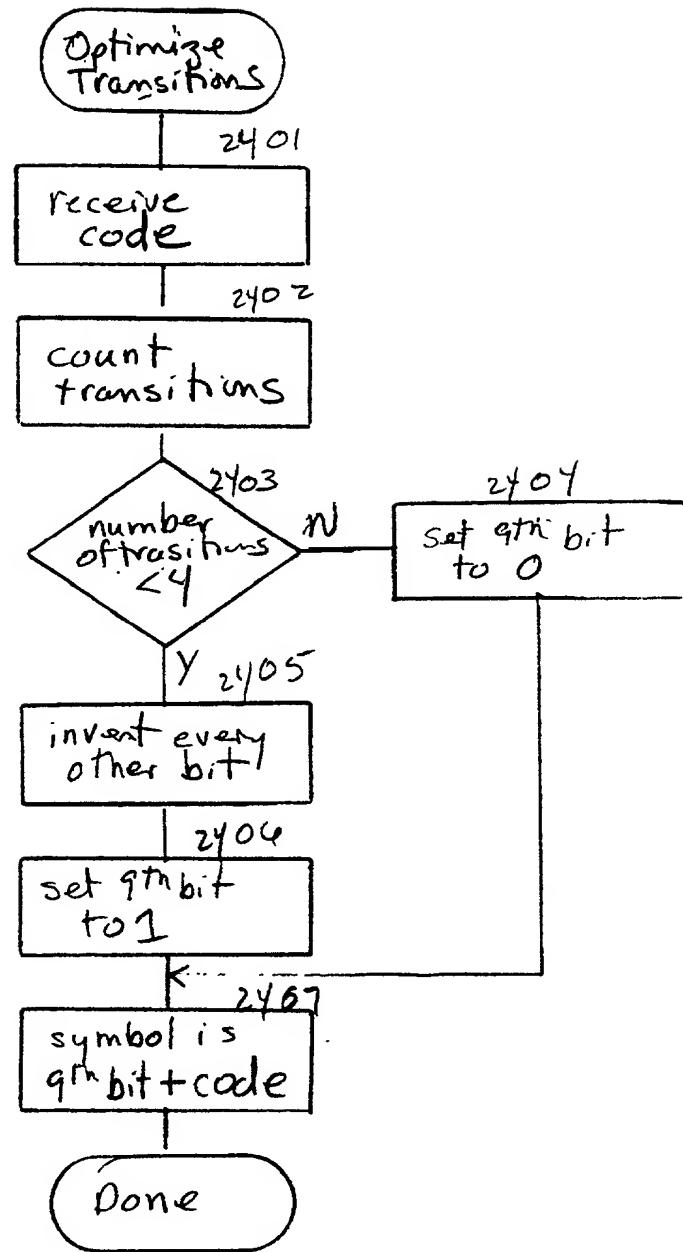


Fig 24

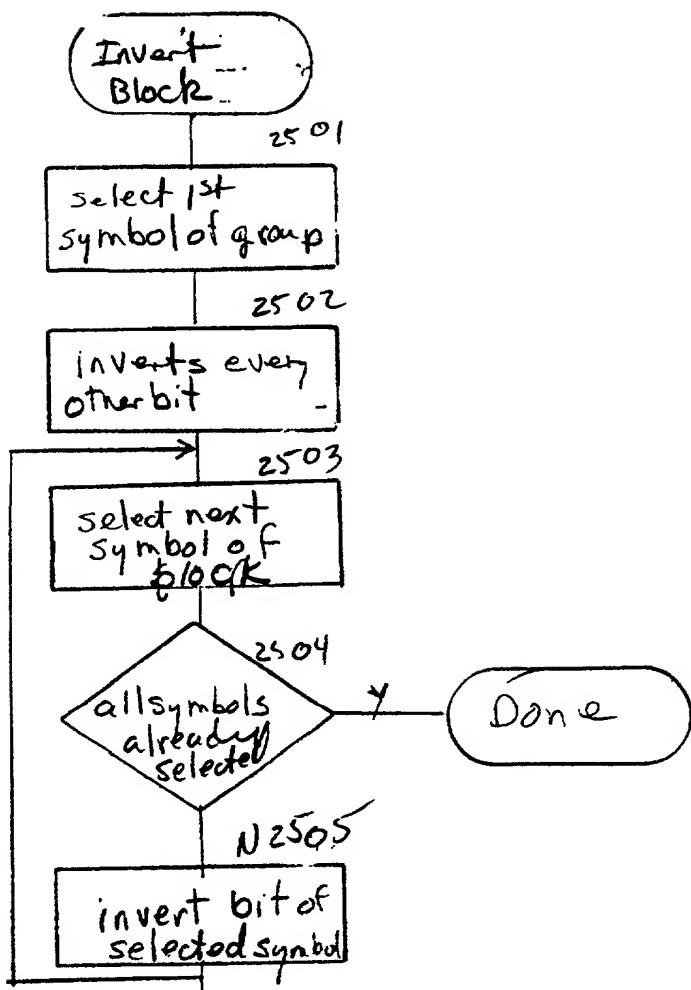


Fig 25-

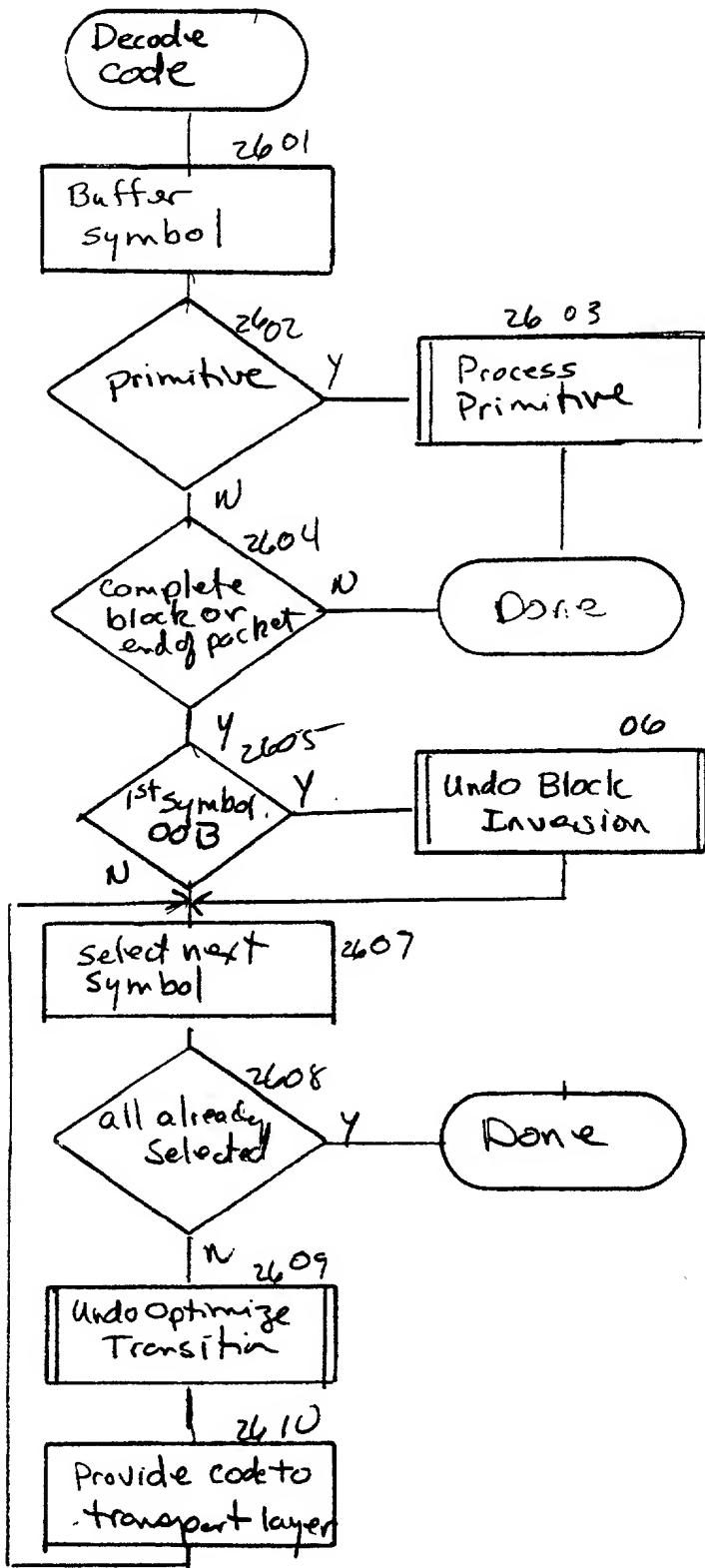


Fig 26

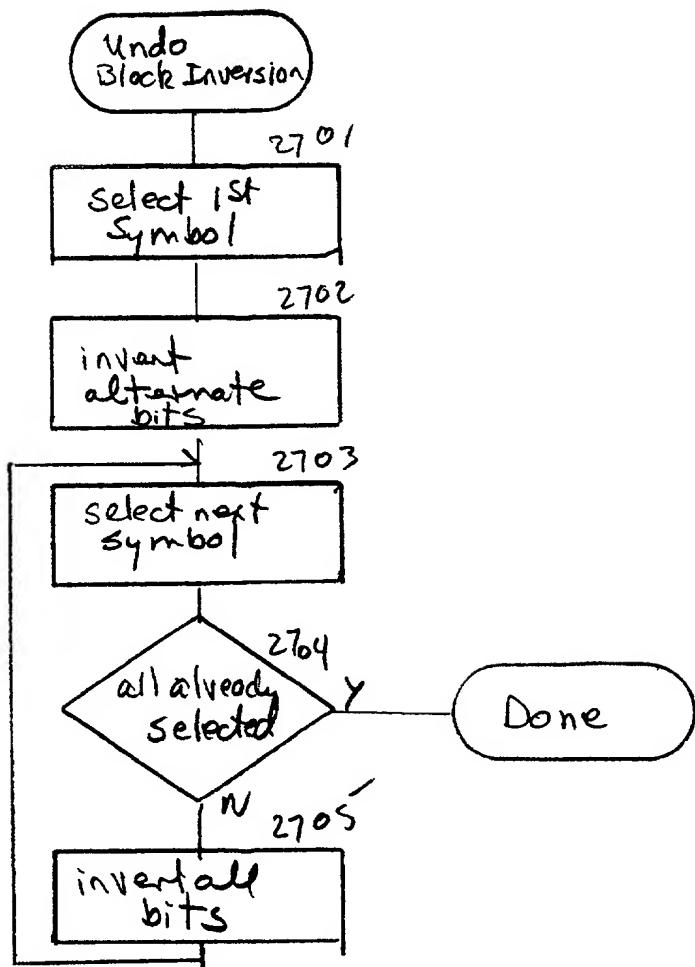


Fig 27

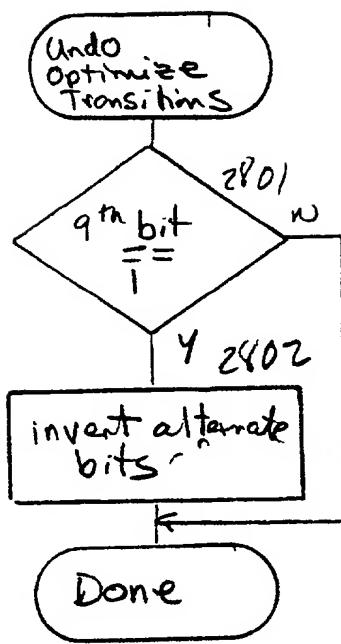


Fig 28

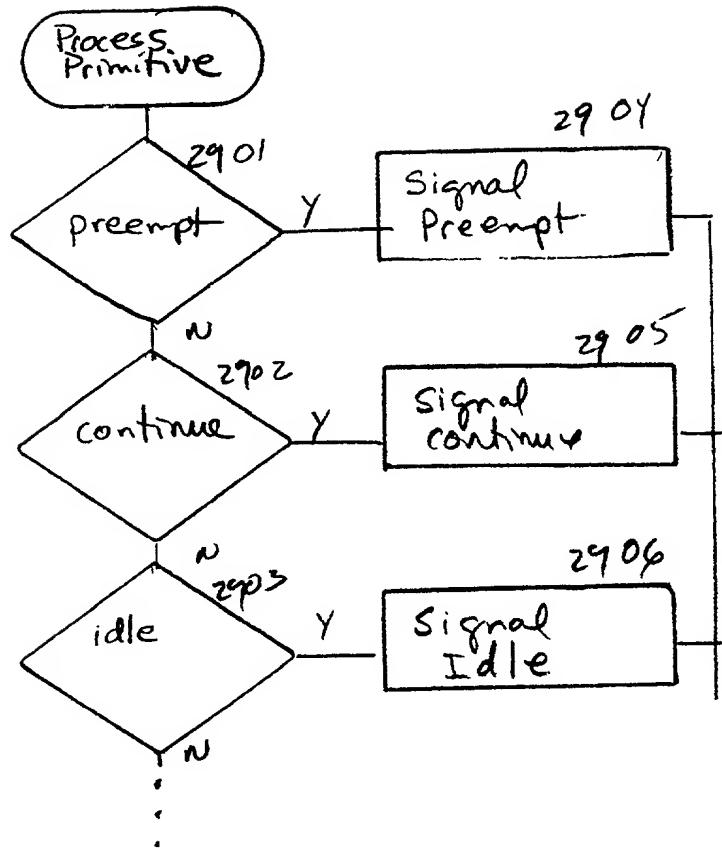


Fig 29

Multiport Memory Device

30.00

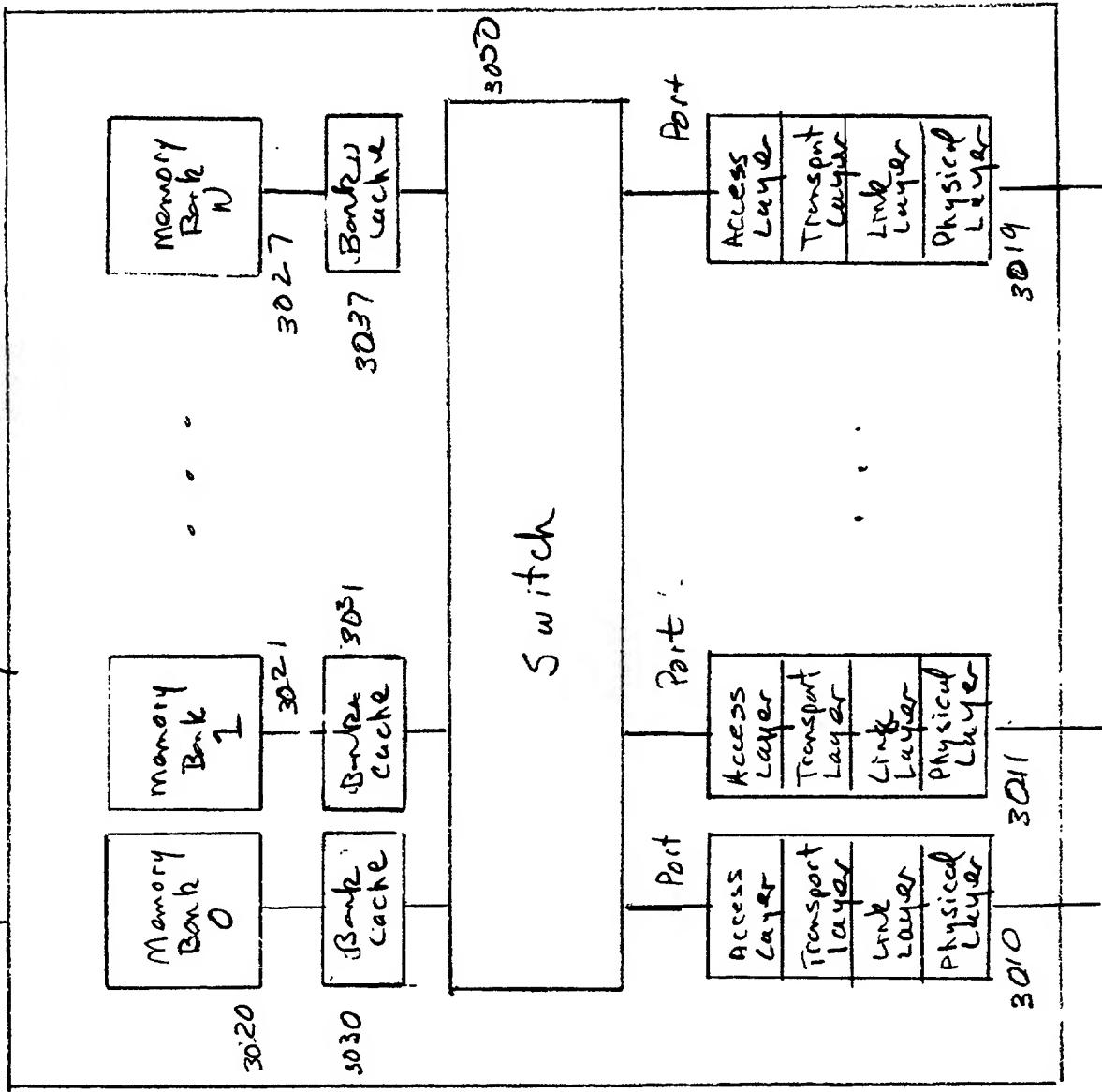
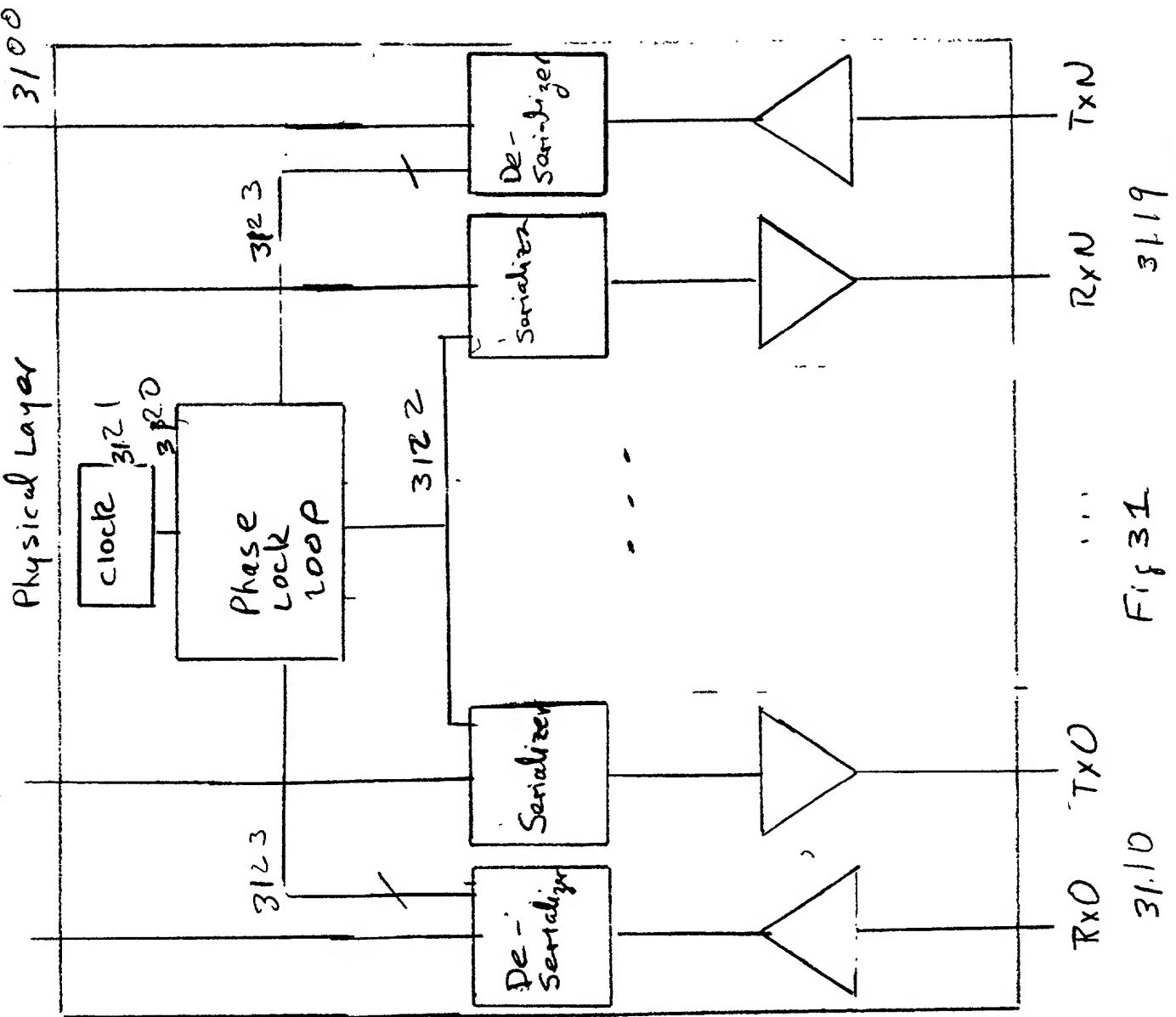


Fig 30



Input Queue 3201

Port	R/W	Address	Data
3	R	1000	
4	W	4000	10...1
3	W	1000	111...0
3	R	2000	
			:

Output Queue 3202

Valid	Port	Data
1	3	11...0
0		
0		
1	3	101...1

Fig 32

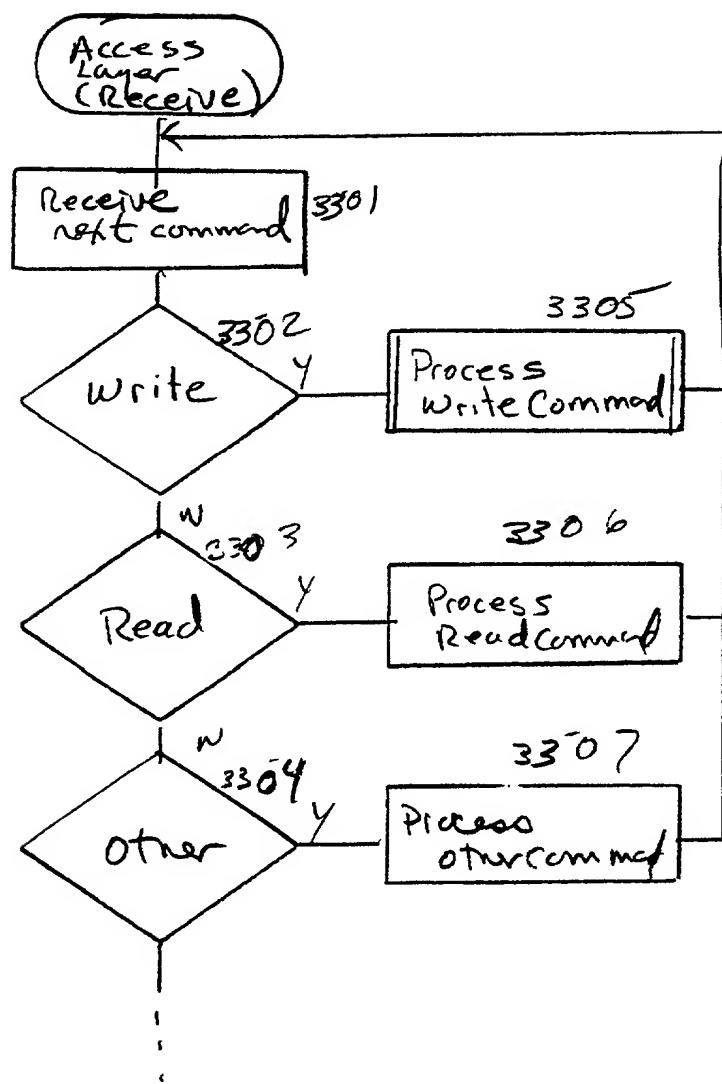


Fig 33

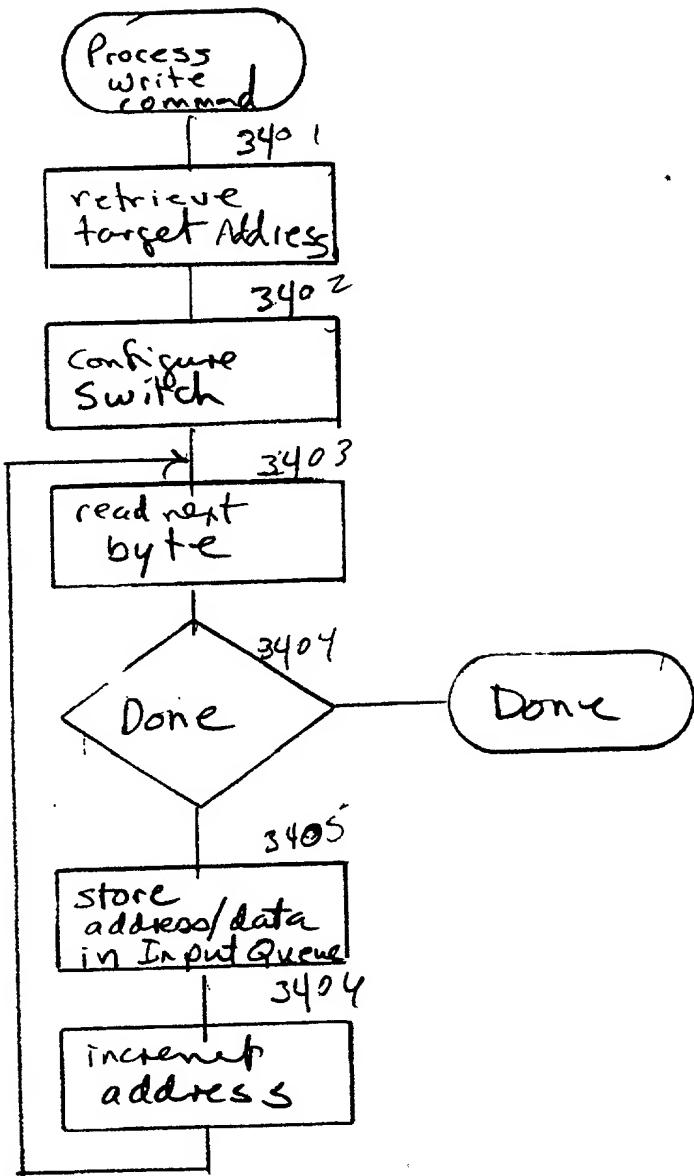


Fig 34

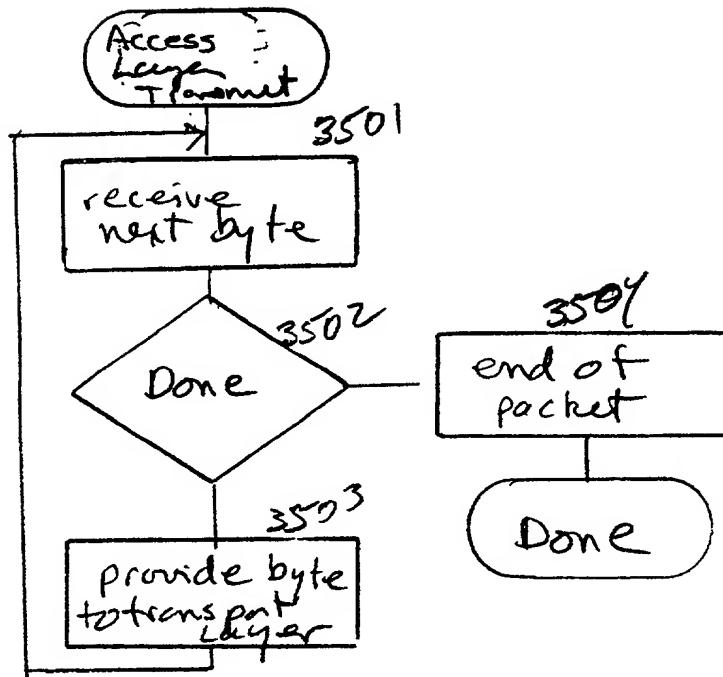
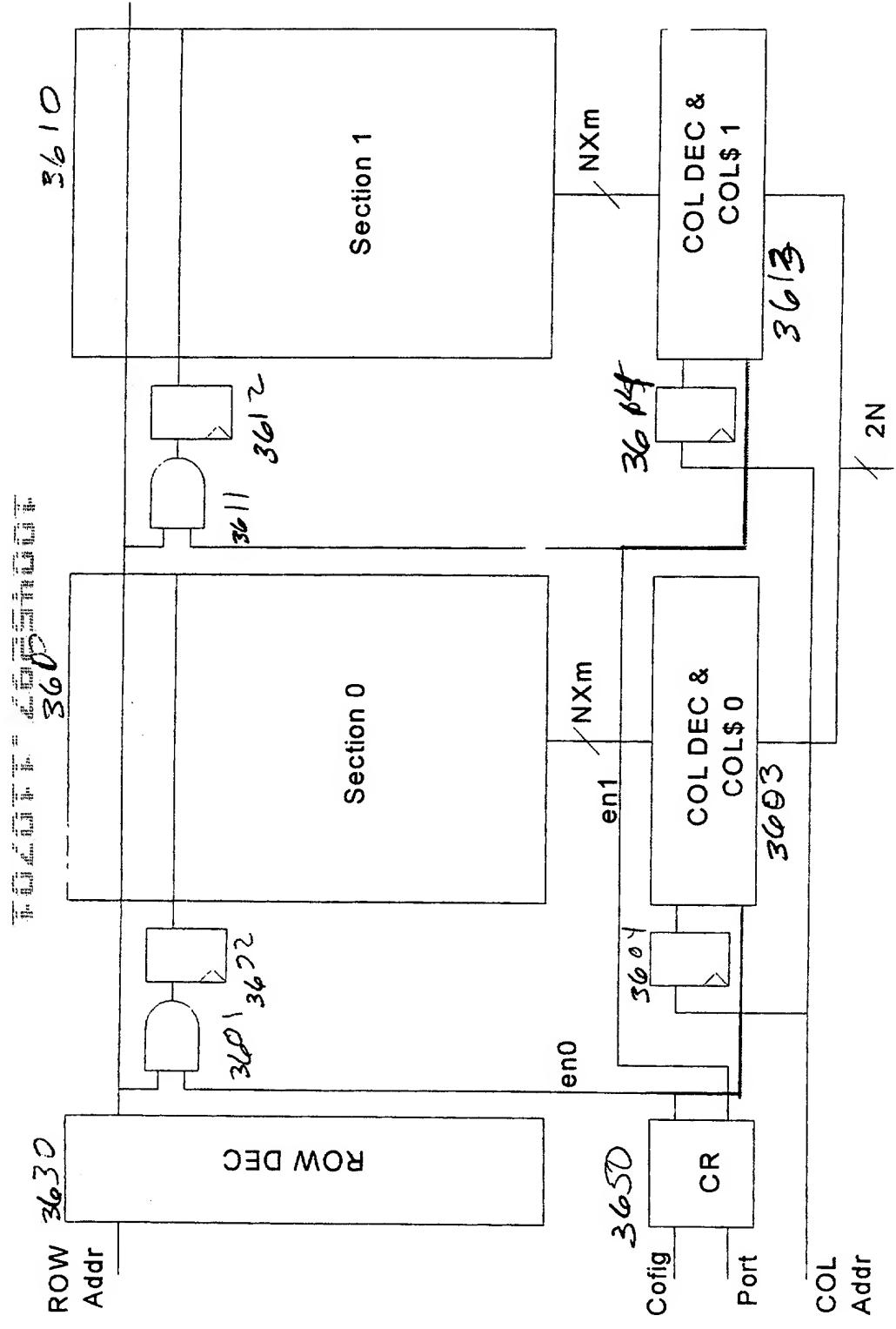
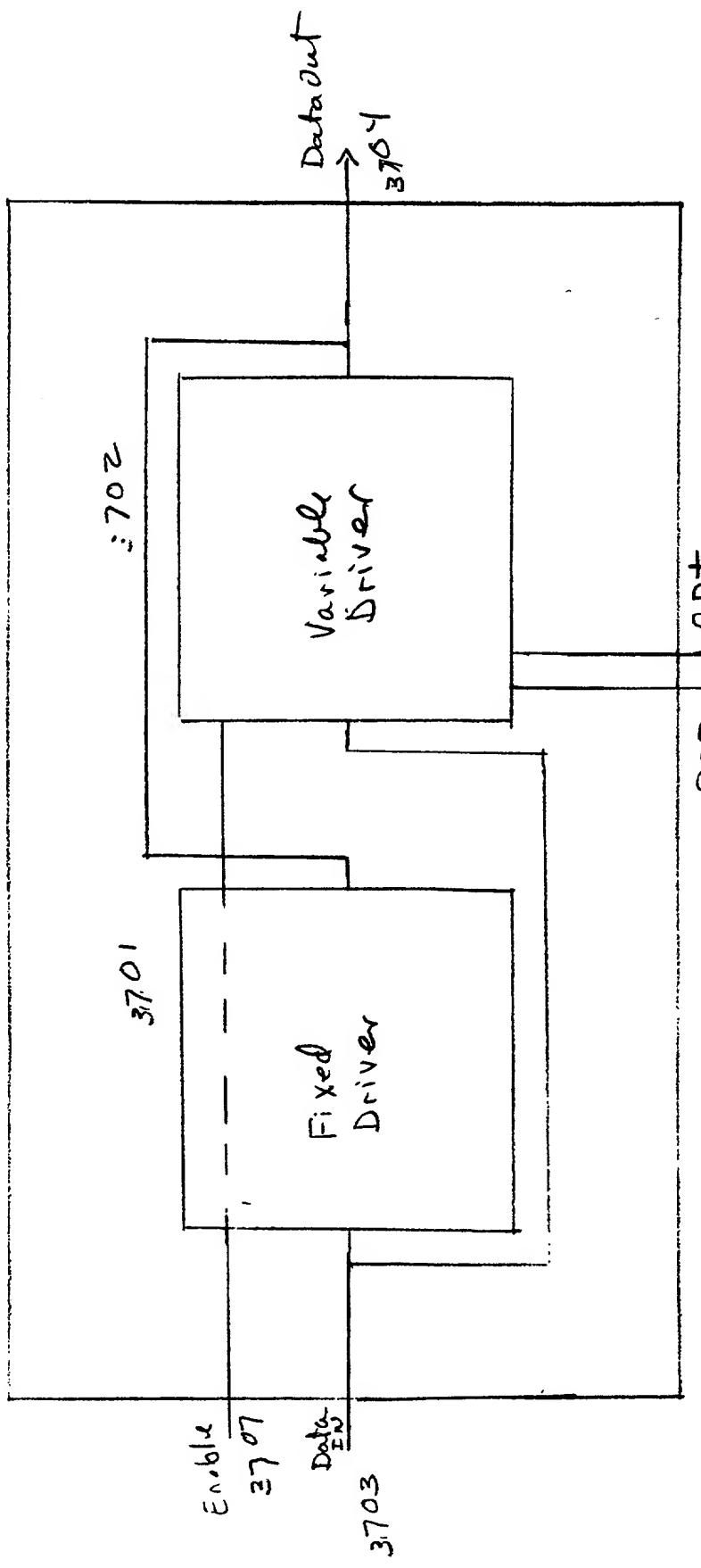


Fig 35



F, 36

Line Driver 3700



<u>RD⁻</u>	<u>RD⁺</u>
3705	3706

$$\left\{ \begin{array}{l} RD^+ \wedge Data^+ = pull\ down \\ RD^- \wedge Data^- = pull\ up \end{array} \right.$$

Variable
Driver

Fig 37A

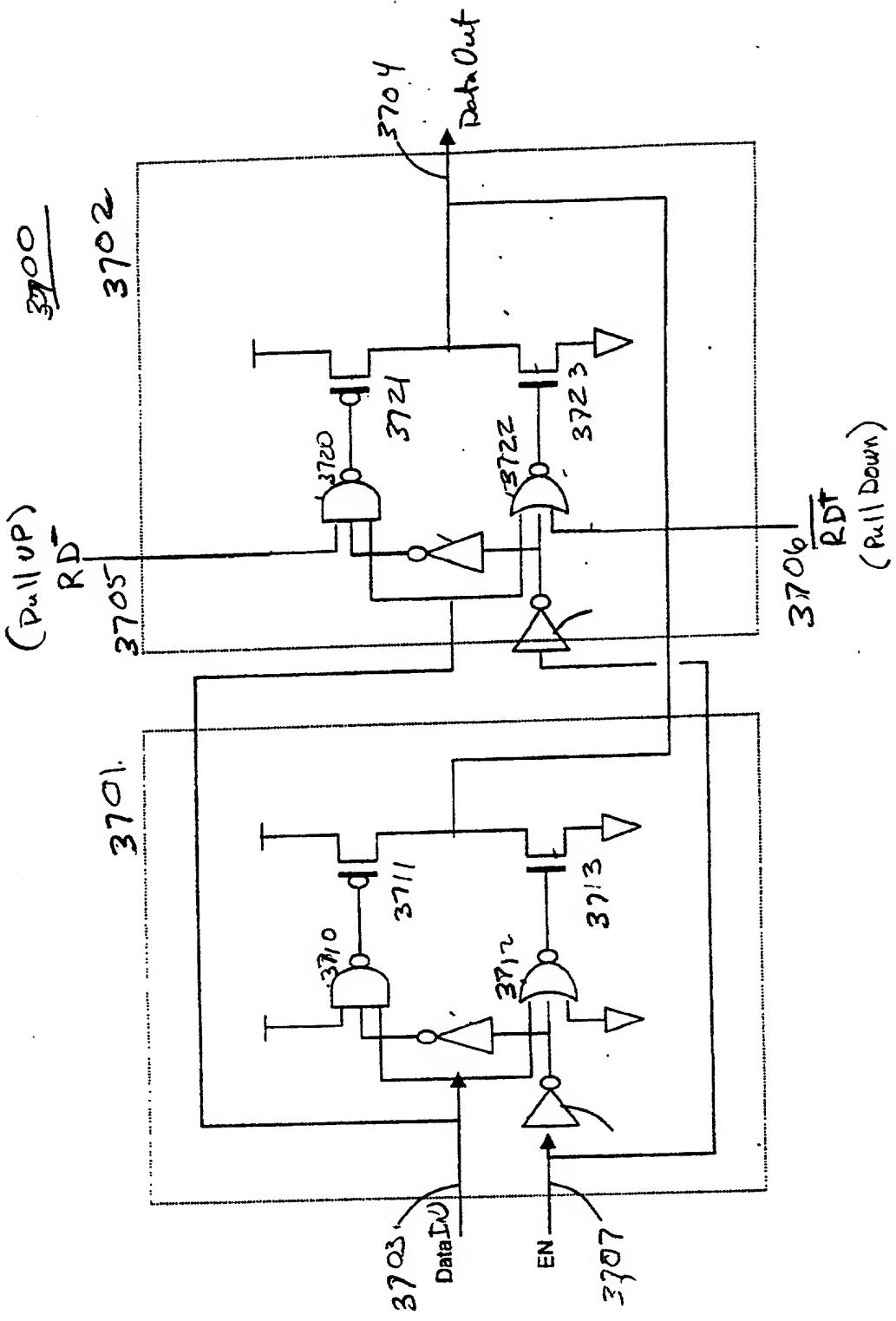


Fig 37B

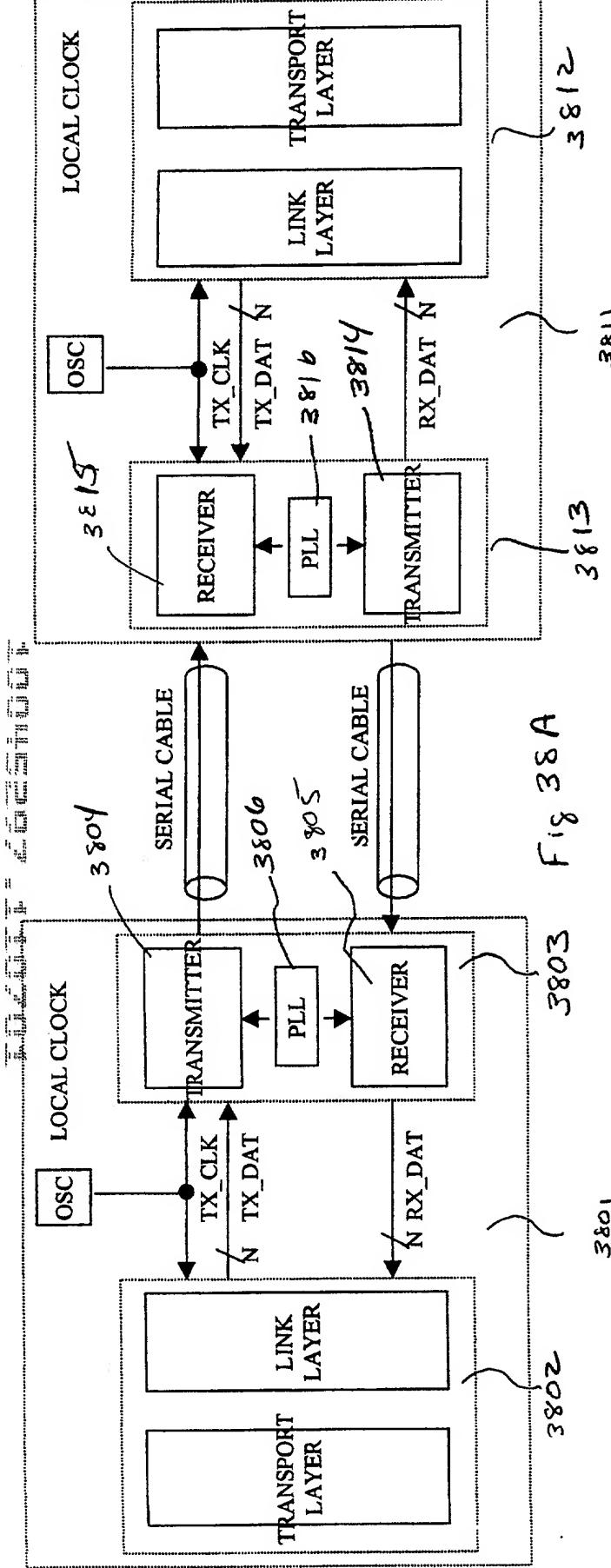
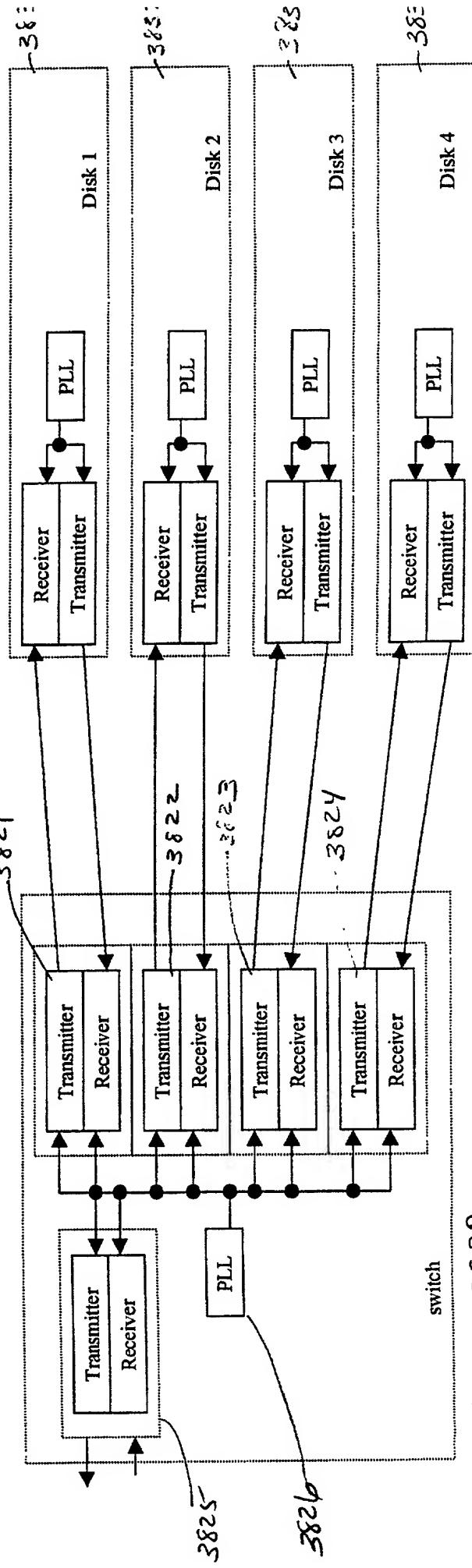


Fig. 38A
3803

一一〇

218 M



138

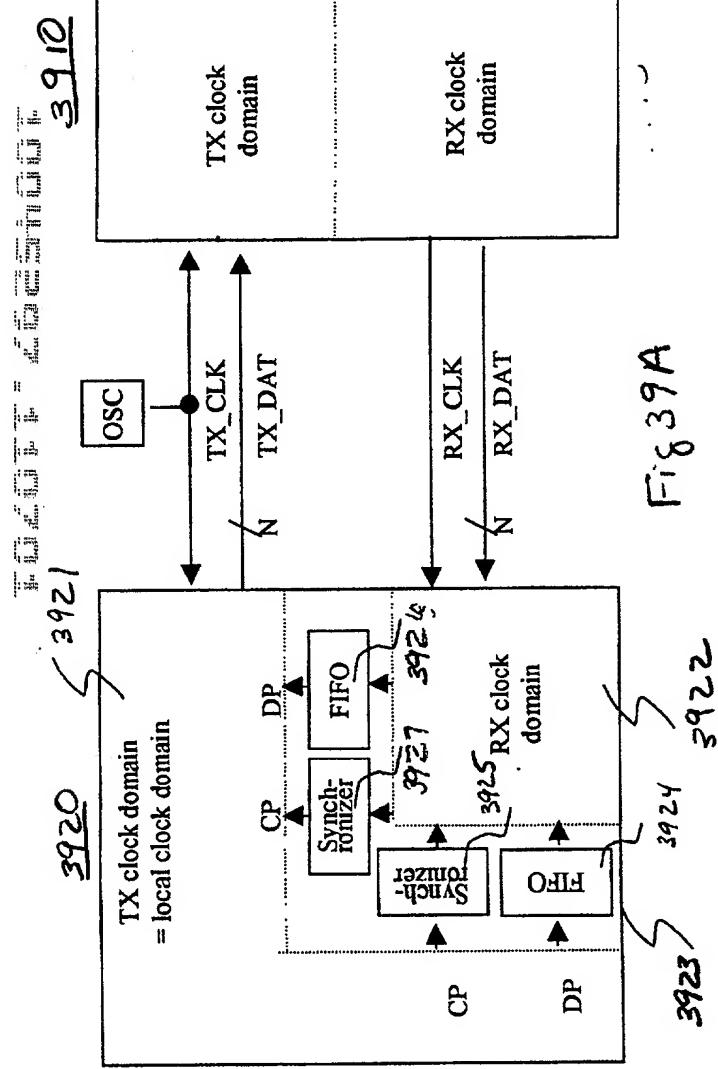


Fig 39A

3923 ↗ 3924

3924 ↗ 3925

3925 ↗ 3926

3926 ↗ 3927

3927 ↗ 3928

3928 ↗ 3929

3929 ↗ 3930

3930 ↗ 3931

3931 ↗ 3932

3932 ↗ 3933

3933 ↗ 3934

3934 ↗ 3935

3935 ↗ 3936

3936 ↗ 3937

3937 ↗ 3938

3938 ↗ 3939

3939 ↗ 3940

3940 ↗ 3941

3941 ↗ 3942

3942 ↗ 3943

3943 ↗ 3944

3944 ↗ 3945

3945 ↗ 3946

3946 ↗ 3947

3947 ↗ 3948

3948 ↗ 3949

3949 ↗ 3950

3950 ↗ 3951

3951 ↗ 3952

3952 ↗ 3953

3953 ↗ 3954

3954 ↗ 3955

3955 ↗ 3956

3956 ↗ 3957

3957 ↗ 3958

3958 ↗ 3959

3959 ↗ 3960

3960 ↗ 3961

3961 ↗ 3962

3962 ↗ 3963

3963 ↗ 3964

3964 ↗ 3965

3965 ↗ 3966

3966 ↗ 3967

3967 ↗ 3968

3968 ↗ 3969

3969 ↗ 3970

3970 ↗ 3971

3971 ↗ 3972

3972 ↗ 3973

3973 ↗ 3974

3974 ↗ 3975

3975 ↗ 3976

3976 ↗ 3977

3977 ↗ 3978

3978 ↗ 3979

3979 ↗ 3980

3980 ↗ 3981

3981 ↗ 3982

3982 ↗ 3983

3983 ↗ 3984

3984 ↗ 3985

3985 ↗ 3986

3986 ↗ 3987

3987 ↗ 3988

3988 ↗ 3989

3989 ↗ 3990

3990 ↗ 3991

3991 ↗ 3992

3992 ↗ 3993

3993 ↗ 3994

3994 ↗ 3995

3995 ↗ 3996

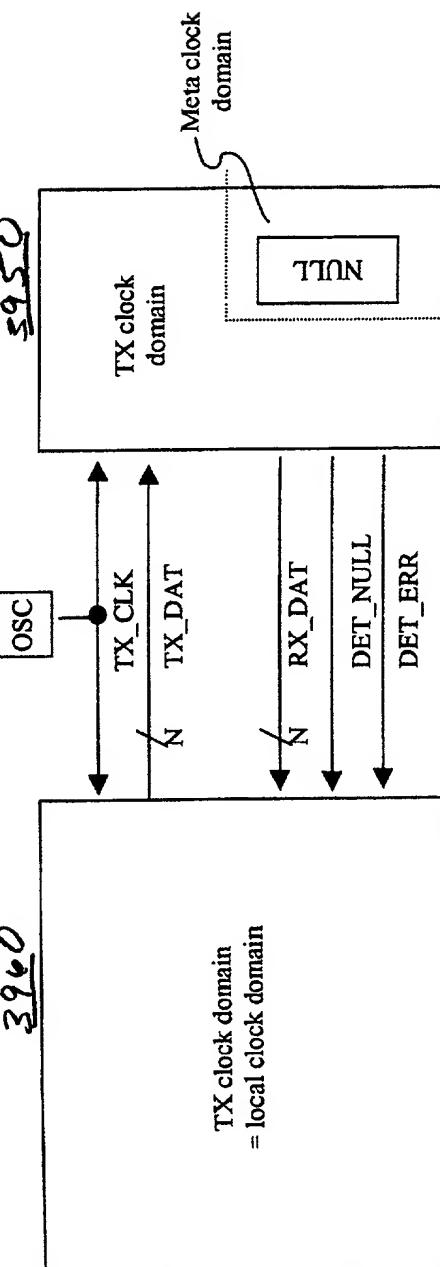
3996 ↗ 3997

3997 ↗ 3998

3998 ↗ 3999

3999 ↗ 3910

Fig 39B



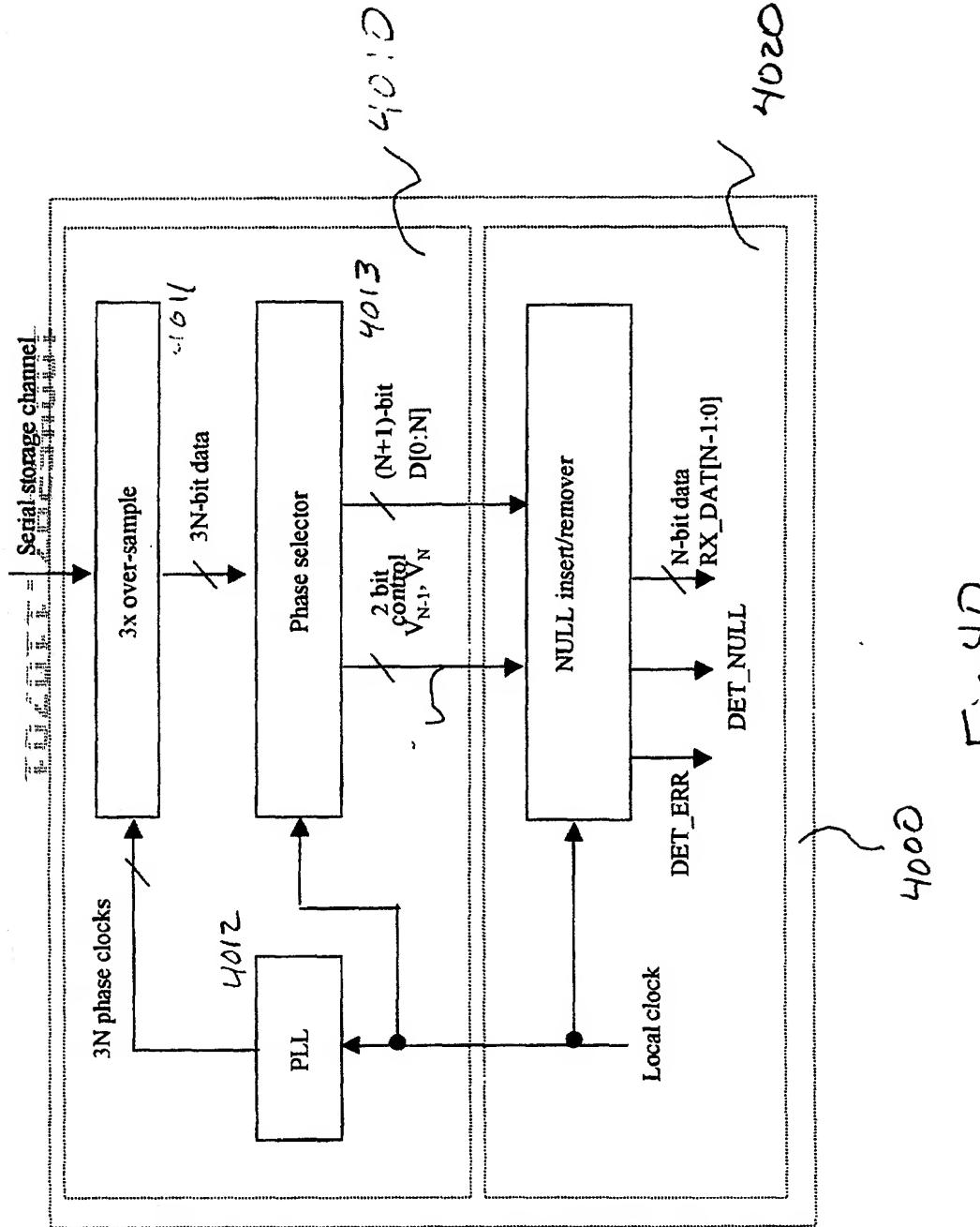
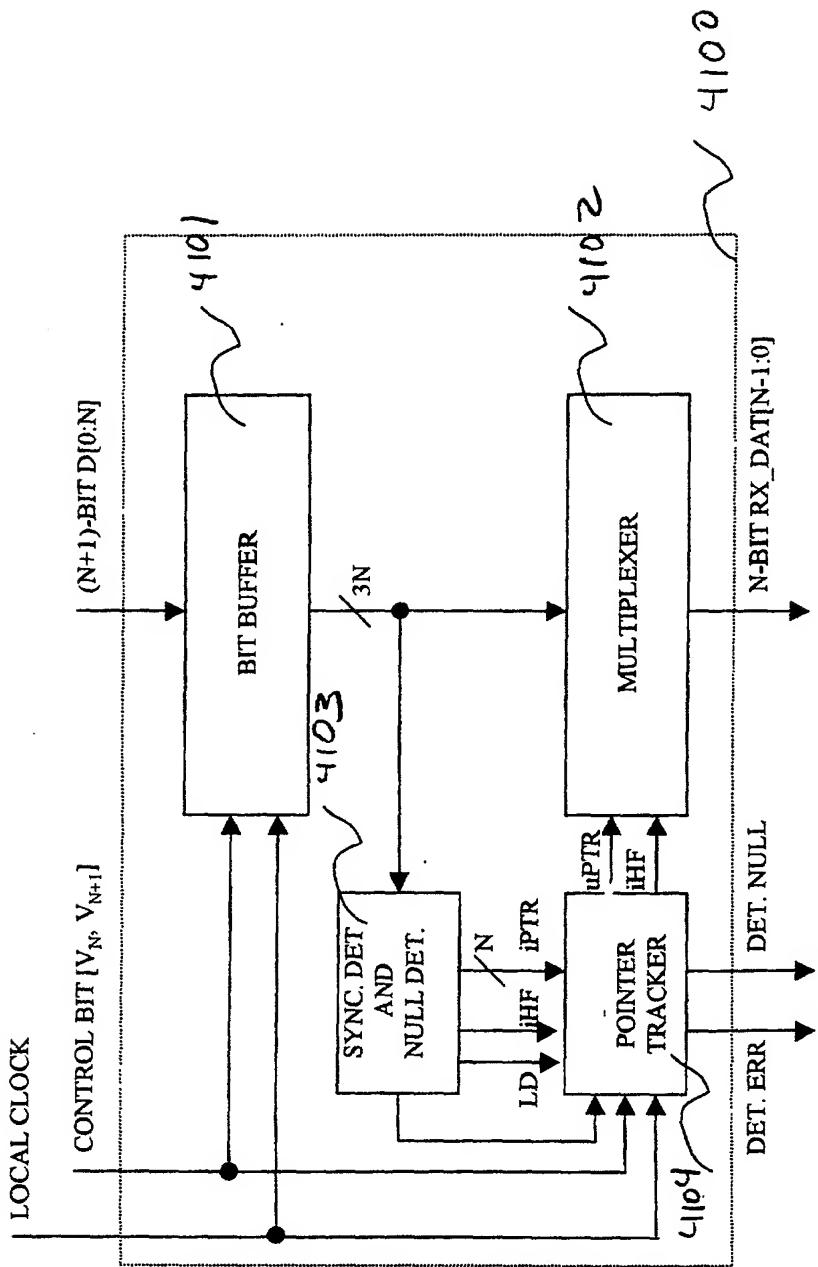
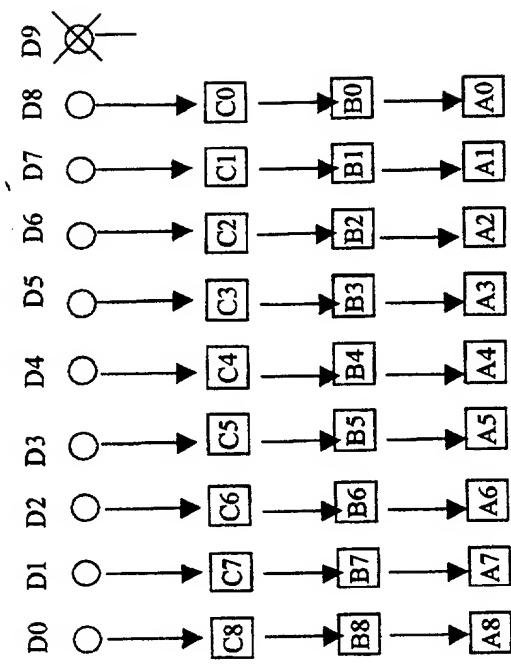


Fig 40



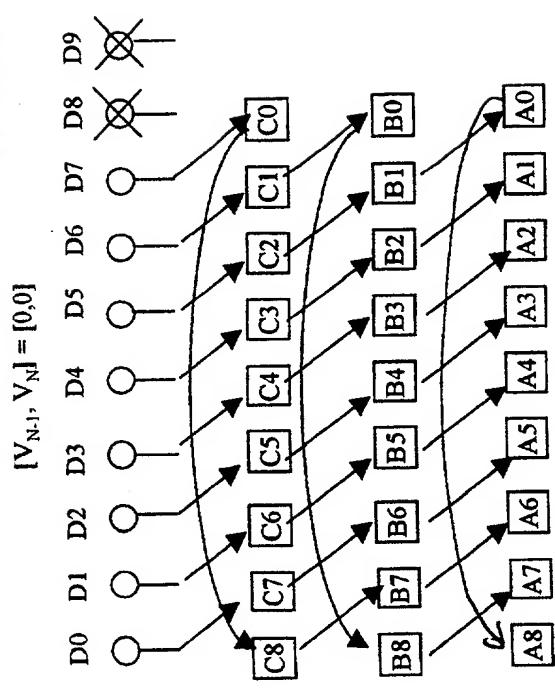
F; § 4 |

$[V_{N,1}, V_N] = [1, 0]$



F. 842 APP

$$V_{N+1}, V_N = [0,0]$$



$F_8 \in \mathcal{B}$

$$\frac{\partial^2}{\partial x^2} \left(\frac{1}{x} \right) = -\frac{2}{x^3}$$

$[V_{N1}, V_N] = [1, 1]$

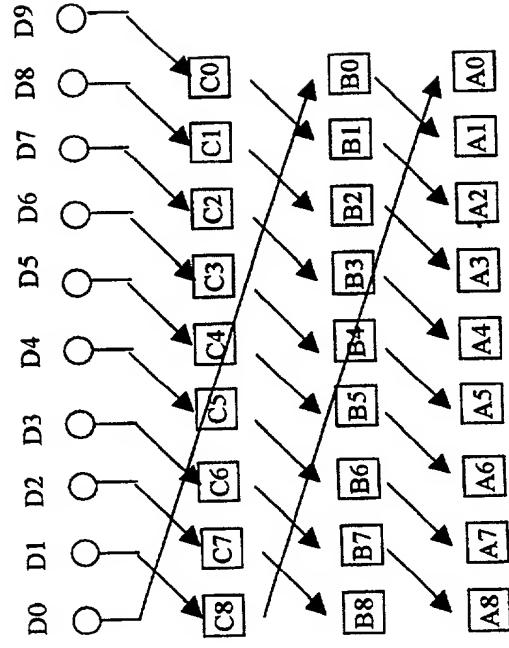
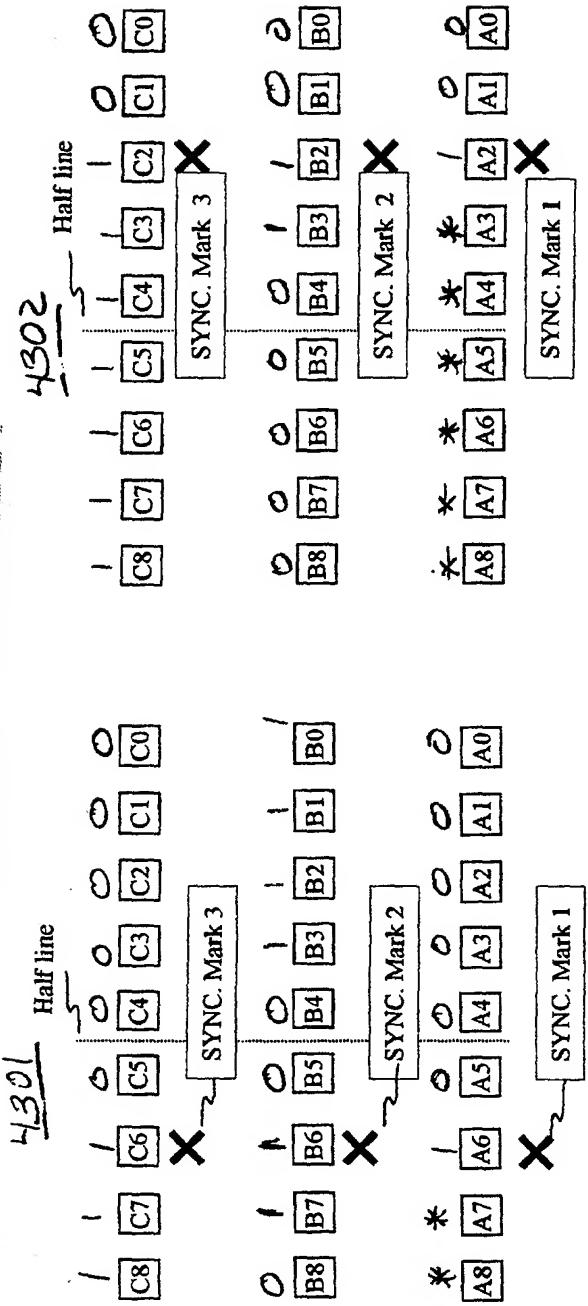


Fig 42c

Half line



LD = 1, iHF = 0, iPTR = "001000000"

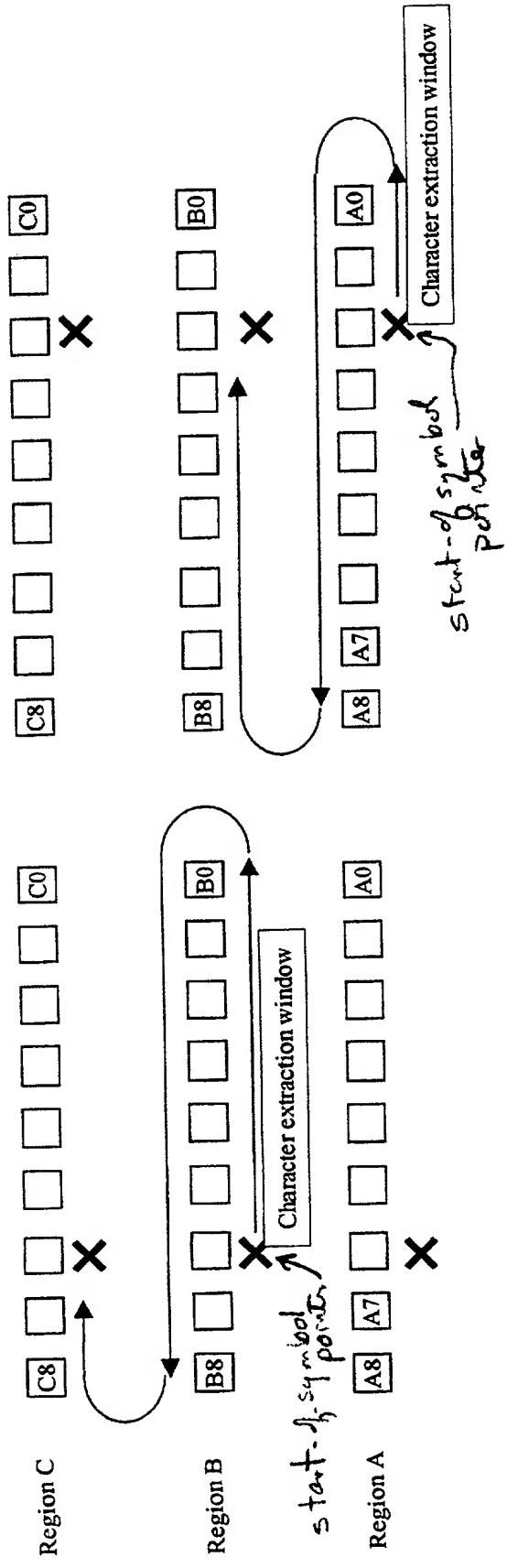
LD = 1, iHF = 1, iPTR = "0000000100"

SYNC. Mark

SYNC. Mark

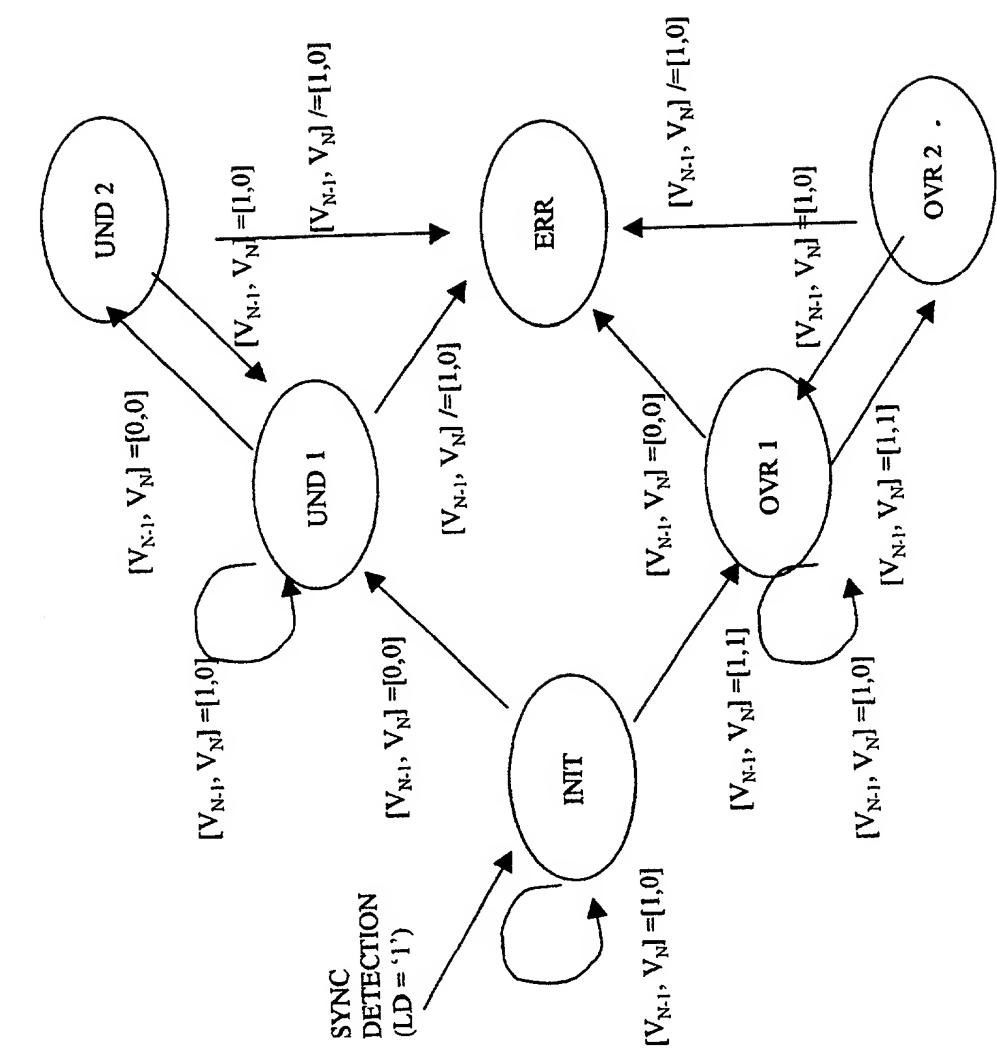
Fig. 43

Start of symbol pointer = LD = 1, iHF = 1, iPTR = "00000000"



LD = 1, iHF = 1, iPTR = "00000000"

F₈ 44



F.8 45

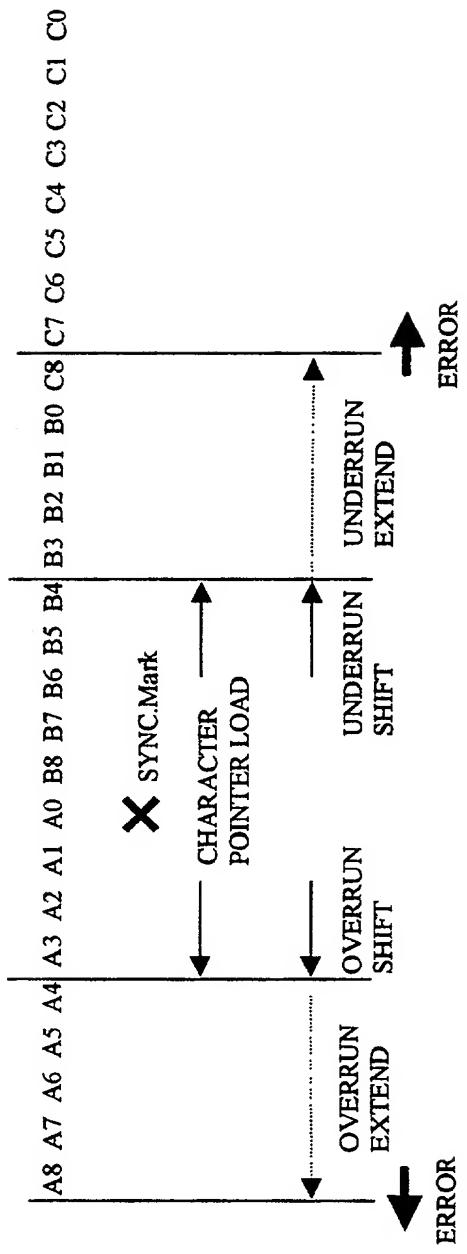


Fig 44

Fig 47 B

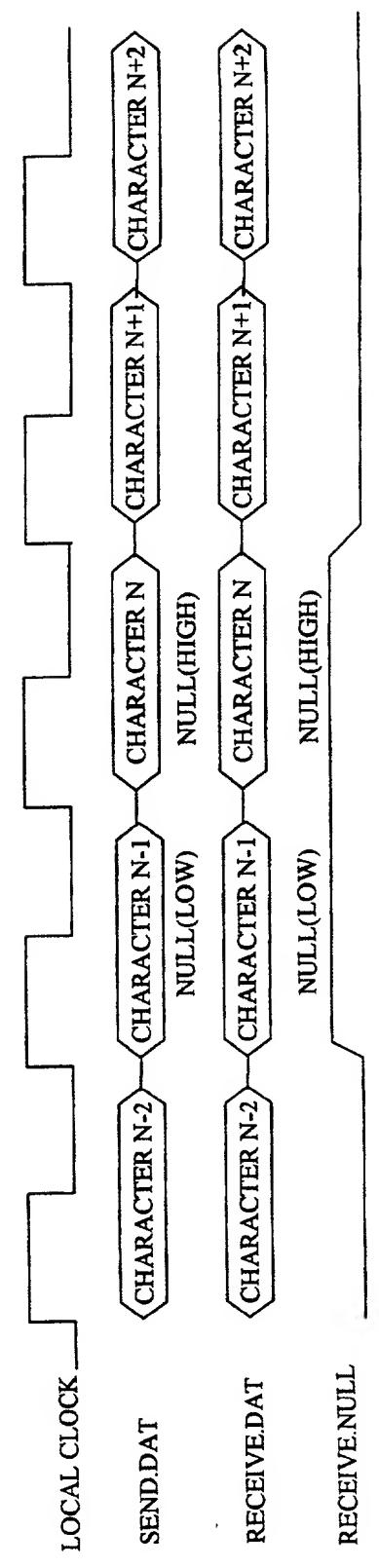
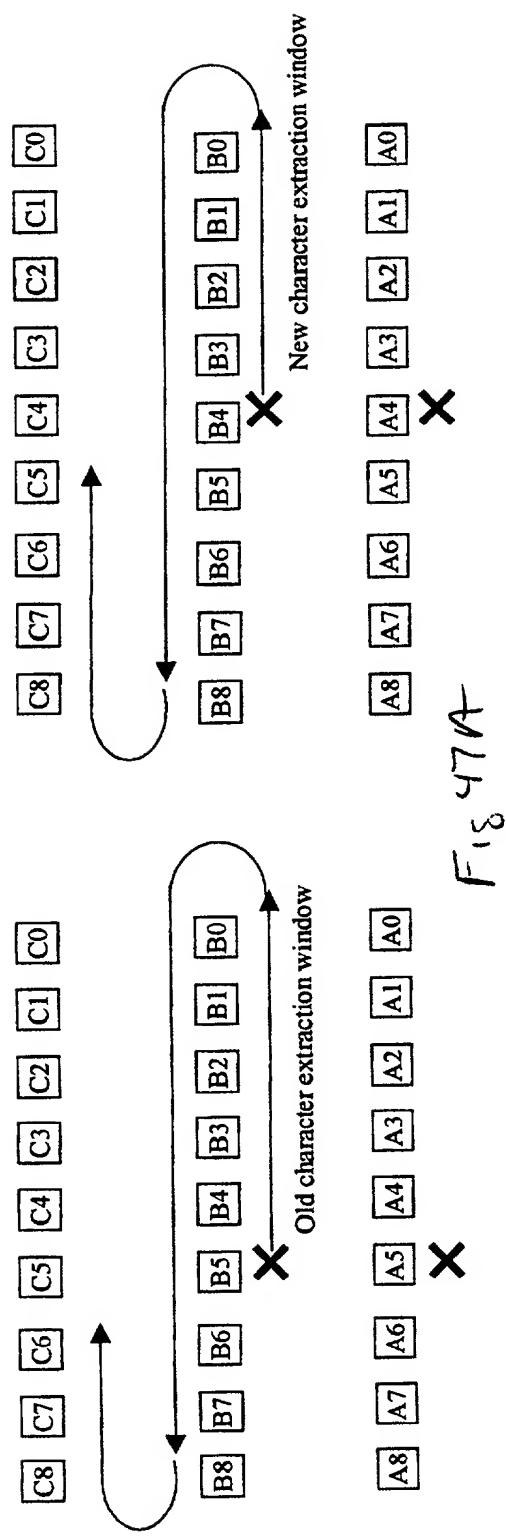


Fig 47 B

Figure 48 A

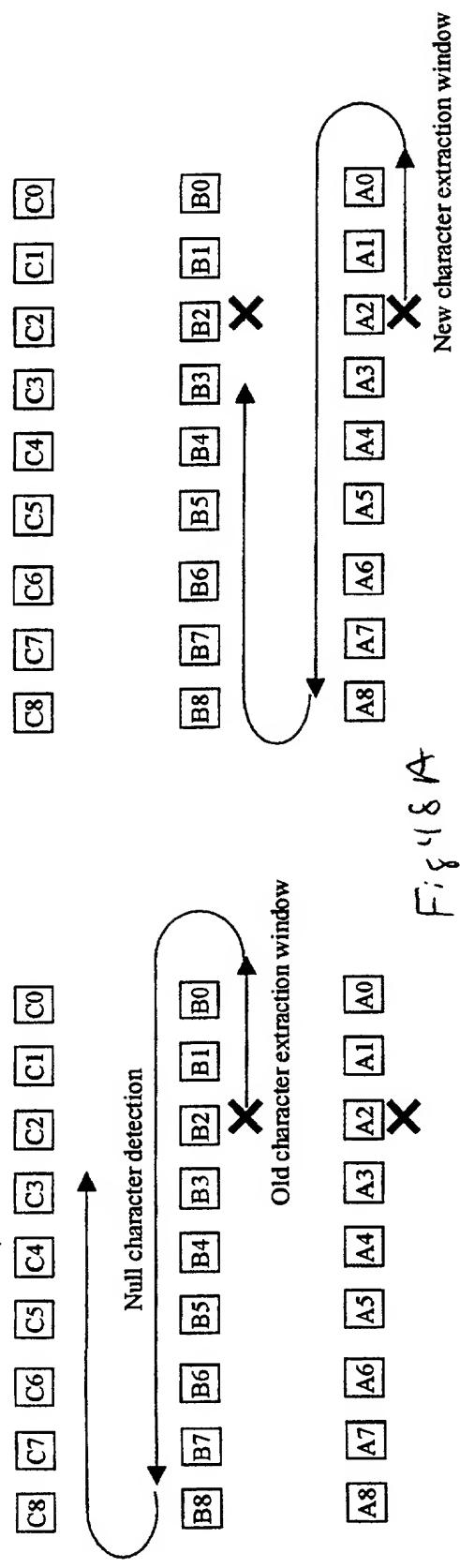


Fig 48 A

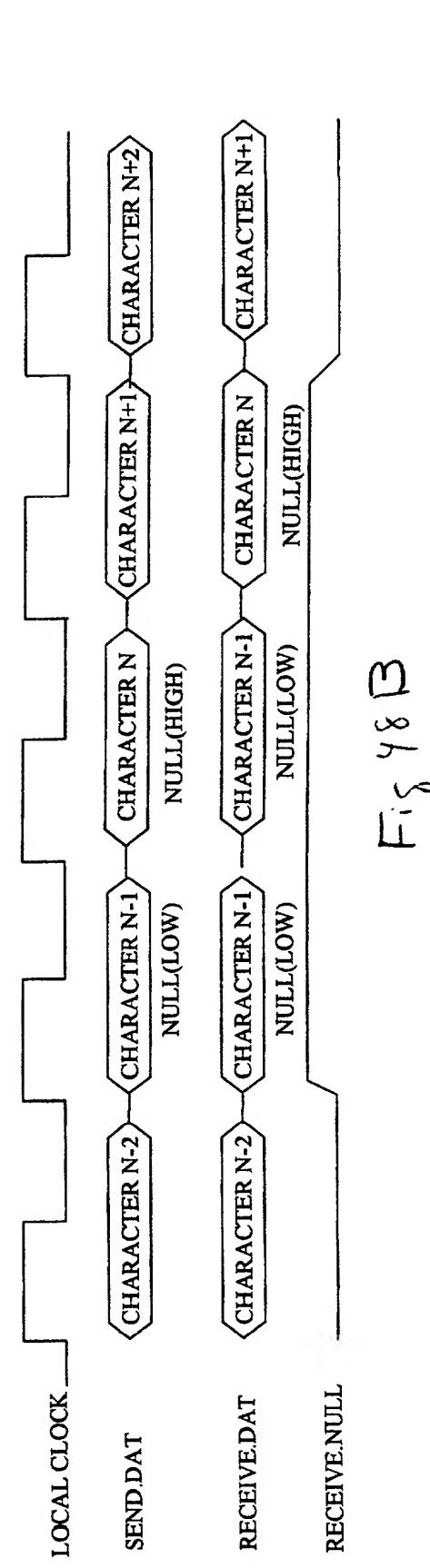


Fig 48 B

Figure 49A

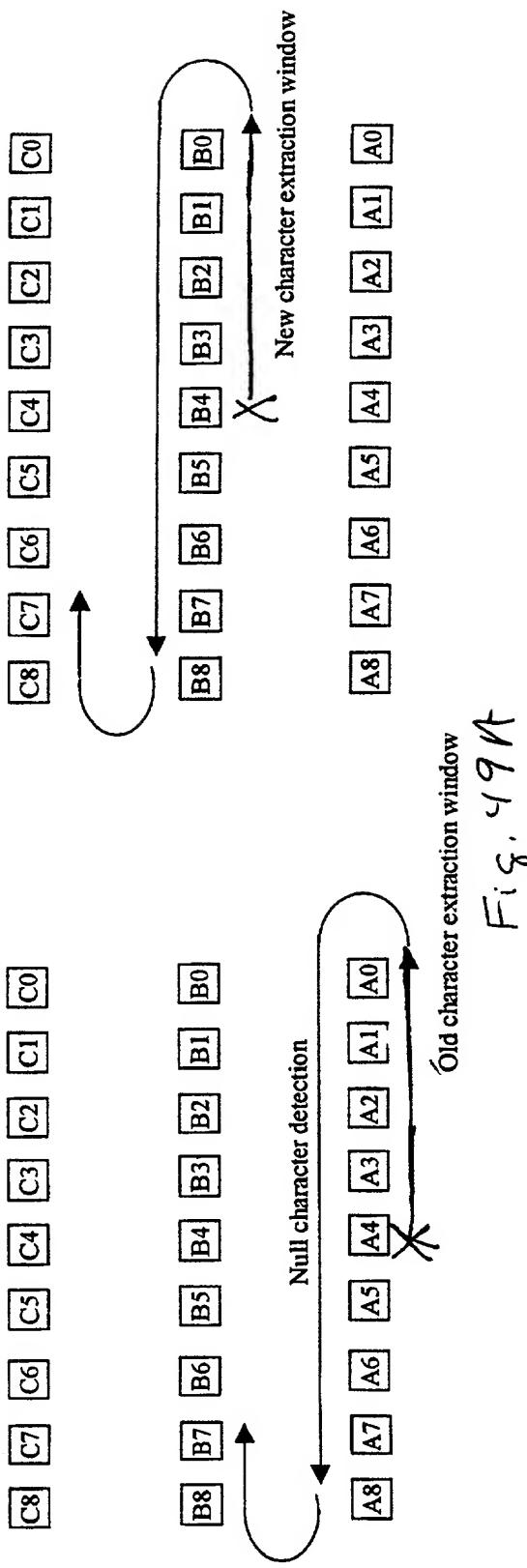


Fig. 49A

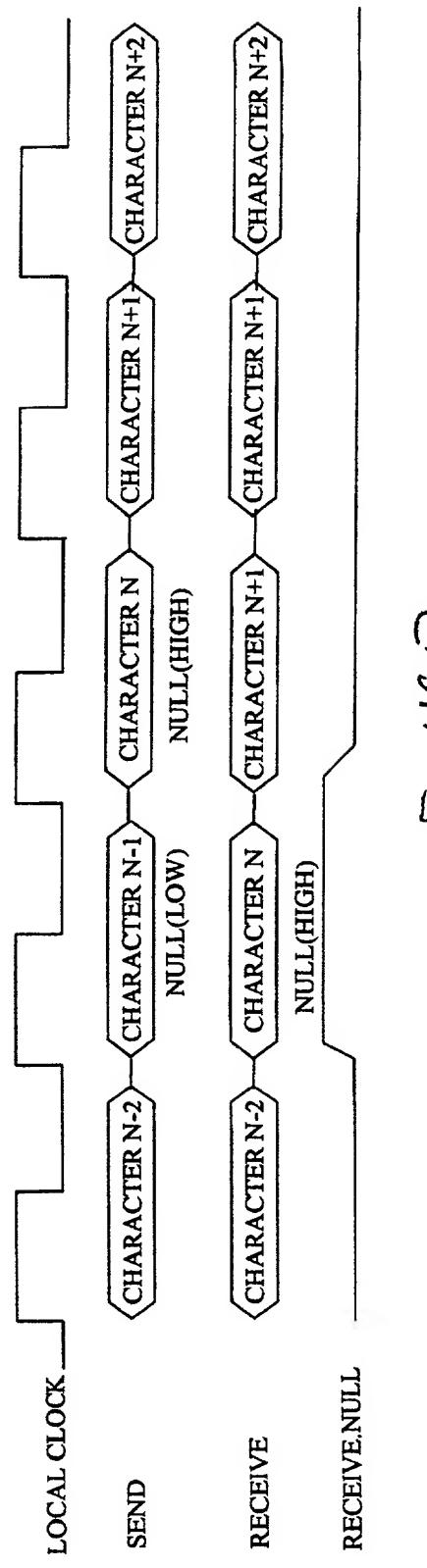


Fig. 49B